

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY010220\
 Data File : VY001142.D
 Acq On : 02 Jan 2020 18:15
 Operator : SY/MD
 Sample : VY0102SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Manual Integrations
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 1/3/2020 11:13:38 AM

Quant Time: Jan 02 23:50:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y010220S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 02 13:16:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	368442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	609028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	525956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249463	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	156372	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.72	113	176766	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.18	98	707809	55.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.80%	
62) 4-Bromofluorobenzene	12.48	95	237855	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	54970	20.260	ug/l	97
3) Chloromethane	2.12	50	48111	25.548	ug/l	99
4) Vinyl Chloride	2.25	62	52973	27.666	ug/l	94
5) Bromomethane	2.63	94	37300	26.820	ug/l	95
6) Chloroethane	2.79	64	33588	25.849	ug/l	94
7) Trichlorofluoromethane	3.13	101	107439	20.848	ug/l	96
8) Diethyl Ether	3.53	74	46792	25.994	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	81074	25.024	ug/l	97
10) Methyl Iodide	4.09	142	110727	21.548	ug/l	99
11) Tert butyl alcohol	4.96	59	33437	113.451	ug/l #	74
12) 1,1-Dichloroethene	3.88	96	83219	24.894	ug/l	97
13) Acrolein	3.73	56	39146	145.651	ug/l	98
14) Allyl chloride	4.48	41	87299	22.711	ug/l	98
15) Acrylonitrile	5.18	53	99883	117.596	ug/l	98
16) Acetone	3.96	43	64431	122.734	ug/l	100
17) Carbon Disulfide	4.20	76	243631	23.510	ug/l	98
18) Methyl Acetate	4.49	43	45595	24.472	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	198144	23.777	ug/l	100
20) Methylene Chloride	4.72	84	99432	24.628	ug/l	92
21) trans-1,2-Dichloroethene	5.23	96	90167	23.490	ug/l	93
22) Diisopropyl ether	6.13	45	185851	24.560	ug/l	99
23) Vinyl Acetate	6.07	43	580353	116.262	ug/l	98
24) 1,1-Dichloroethane	6.03	63	124668	23.833	ug/l	98
25) 2-Butanone	6.99	43	104969	108.652	ug/l	98
26) 2,2-Dichloropropane	7.00	77	117838	20.881	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	98332	21.805	ug/l	98
28) Bromochloromethane	7.34	49	38131	19.448	ug/l	98
29) Tetrahydrofuran	7.35	42	68862	105.988	ug/l	99
30) Chloroform	7.52	83	132841	20.805	ug/l	99
31) Cyclohexane	7.79	56	127183	20.969	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	120972	20.296	ug/l	99
36) 1,1-Dichloropropene	7.93	75	111230	20.934	ug/l	99
37) Ethyl Acetate	7.08	43	49878	22.568	ug/l	98
38) Carbon Tetrachloride	7.91	117	110645	20.041	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	154155	20.941	ug/l	98
40) Benzene	8.17	78	341161	20.855	ug/l	97
41) Methacrylonitrile	7.33	41	25520m	25.221	ug/l	
42) 1,2-Dichloroethane	8.24	62	79484	20.416	ug/l	98
43) Isopropyl Acetate	8.28	43	88213	20.313	ug/l	98
44) Trichloroethene	8.94	130	103084	21.061	ug/l	98
45) 1,2-Dichloropropane	9.22	63	76395	21.026	ug/l	99
46) Dibromomethane	9.31	93	44905	20.983	ug/l	96
47) Bromodichloromethane	9.50	83	101365	21.053	ug/l	99
48) Methyl methacrylate	9.30	41	36314	19.630	ug/l	94
49) 1,4-Dioxane	9.30	88	14539	451.687	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	229899	112.260	ug/l	98
52) Toluene	10.24	92	215480	21.628	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	109604	21.792	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	130711	22.123	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	67656	21.870	ug/l	95
56) Ethyl methacrylate	10.51	69	88500	22.321	ug/l	98
57) 1,3-Dichloropropane	10.79	76	108337	22.417	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	152453	107.288	ug/l	97
59) 2-Hexanone	10.83	43	160196	115.783	ug/l	99
60) Dibromochloromethane	10.99	129	75964	21.445	ug/l	98
61) 1,2-Dibromoethane	11.08	107	64525	21.451	ug/l	97
64) Tetrachloroethene	10.72	164	108379	21.960	ug/l	98
65) Chlorobenzene	11.52	112	249804	22.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.58	131	82414	20.906	ug/l	99
67) Ethyl Benzene	11.59	91	411274	21.101	ug/l	99
68) m/p-Xylenes	11.70	106	317478	41.197	ug/l	99
69) o-Xylene	12.03	106	149970	20.497	ug/l	98
70) Styrene	12.04	104	256901	20.745	ug/l	99
71) Bromoform	12.20	173	45734	19.704	ug/l #	99
73) Isopropylbenzene	12.33	105	402631	21.403	ug/l	99
74) N-amyl acetate	12.14	43	77121	21.622	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	69503	20.905	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	48768m	18.481	ug/l	
77) Bromobenzene	12.61	156	95163	20.924	ug/l	99
78) n-propylbenzene	12.67	91	467852	21.035	ug/l	100
79) 2-Chlorotoluene	12.75	91	256732	20.856	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	332922	20.920	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	26385	20.728	ug/l	96
82) 4-Chlorotoluene	12.85	91	269690	21.315	ug/l	99
83) tert-Butylbenzene	13.07	119	291050	21.464	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	338924	21.271	ug/l	97
85) sec-Butylbenzene	13.25	105	406608	21.410	ug/l	99
86) p-Isopropyltoluene	13.36	119	356804	20.862	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	181276	21.295	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	196117	22.883	ug/l	99
89) n-Butylbenzene	13.69	91	345353	21.513	ug/l	99
90) Hexachloroethane	13.95	117	65951	20.818	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	197128	25.250	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12479	21.278	ug/l	96

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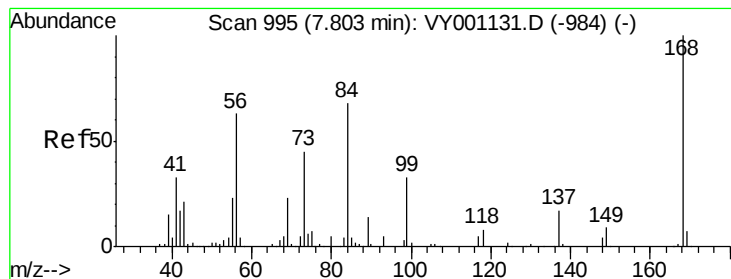
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	123383	22.944	ug/l	97
94) Hexachlorobutadiene	15.11	225	59793	21.954	ug/l	99
95) Naphthalene	15.23	128	275940	22.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	109509	22.757	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion:168 Resp: 368442

Ion Ratio Lower Upper

168 100

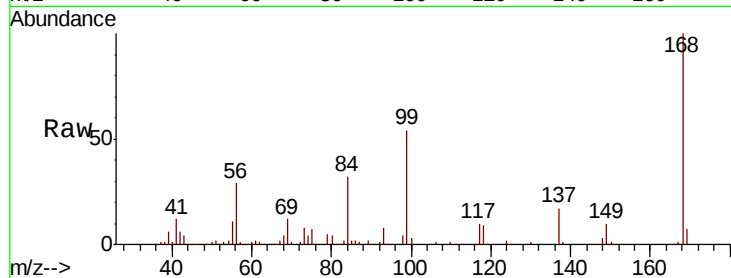
99 54.3 42.5 63.7

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Abundance Ion 167.90 (167.60 to 168.60): VY001131.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY001131.D (-984) (-)

7.80

150000

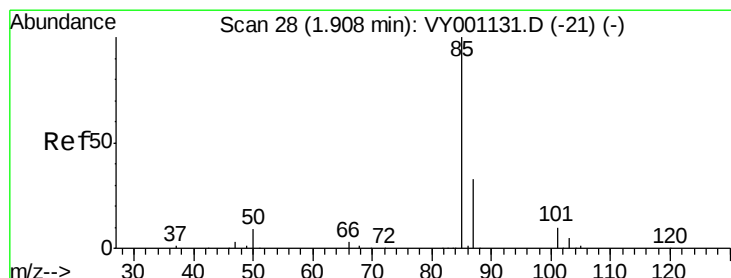
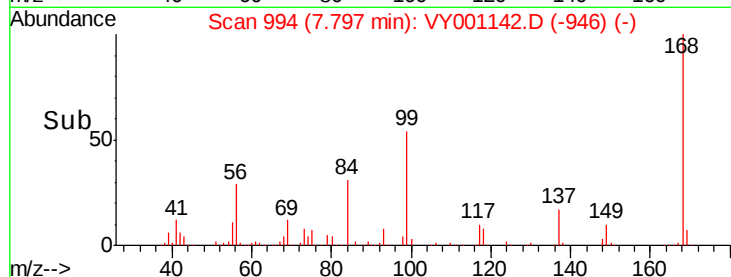
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.260 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY001142.D

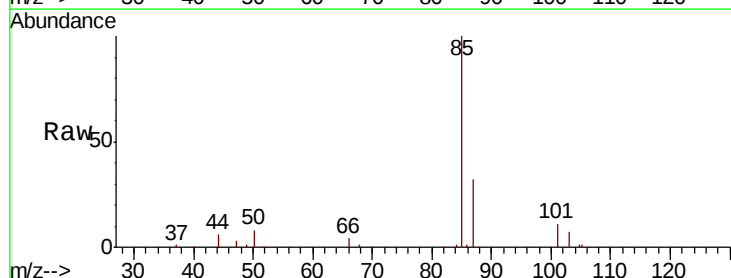
Acq: 02 Jan 2020 18:15

Tgt Ion: 85 Resp: 54970

Ion Ratio Lower Upper

85 100

87 31.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VY001131.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY001131.D (-21) (-)

1.90

40000

30000

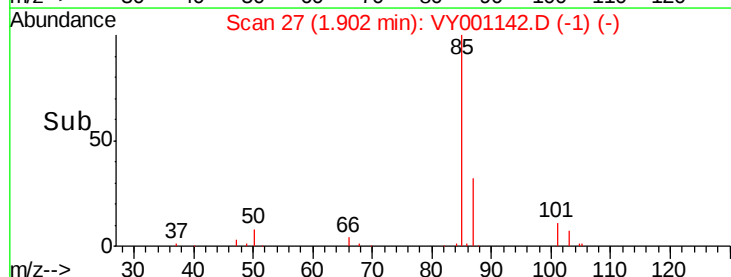
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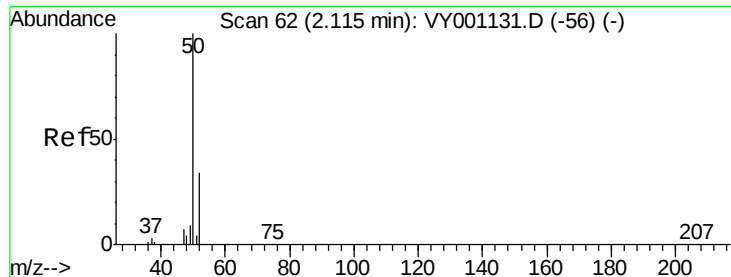
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 25.548 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 50 Resp: 48111

Ion Ratio Lower Upper

50 100

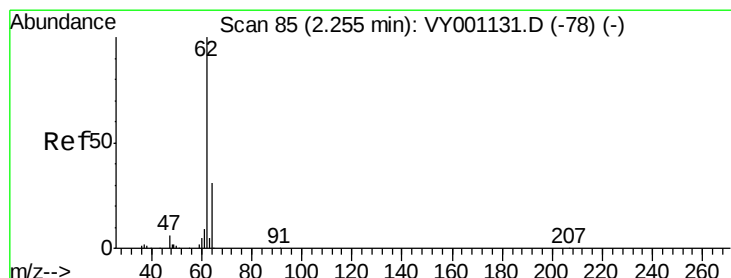
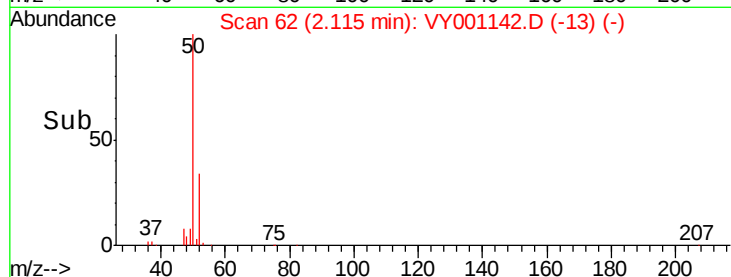
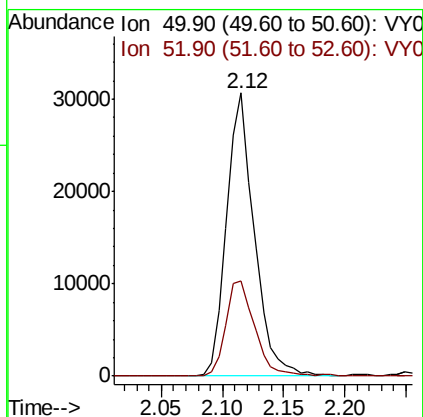
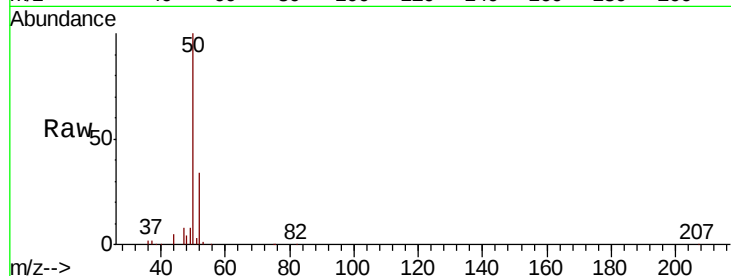
52 33.6 27.3 40.9

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#4

Vinyl Chloride

Concen: 27.666 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY001142.D

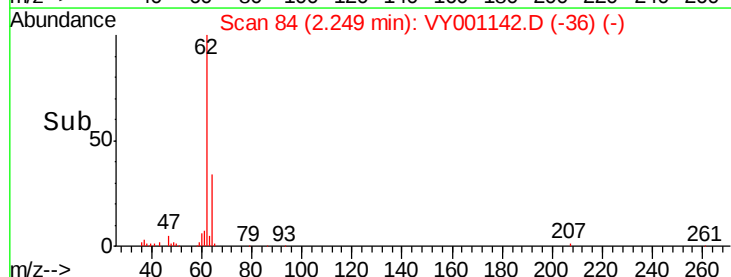
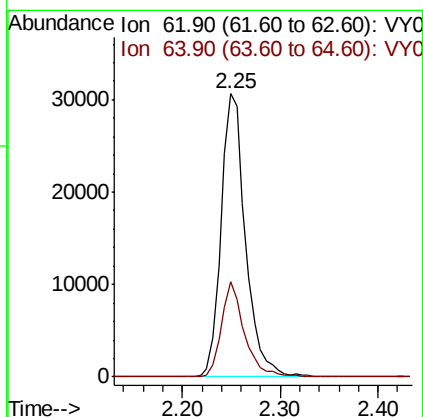
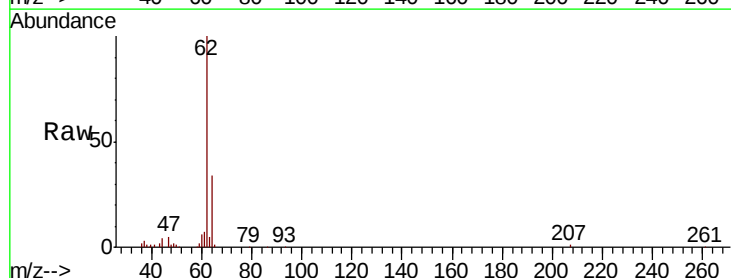
Acq: 02 Jan 2020 18:15

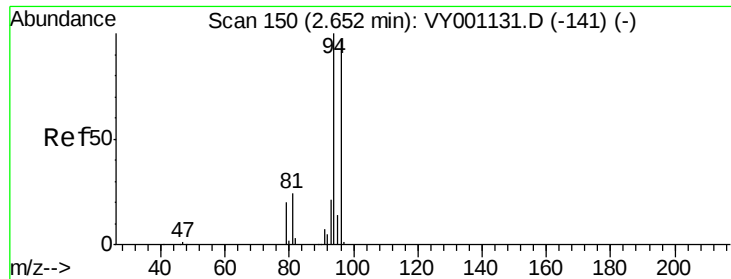
Tgt Ion: 62 Resp: 52973

Ion Ratio Lower Upper

62 100

64 33.6 24.4 36.6





#5

Bromomethane

Concen: 26.820 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.02 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

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ClientSampleId :

VY0102SBSD01

Tot Ion: 94 Resp: 37300

Ion Ratio Lower Upper

94 100

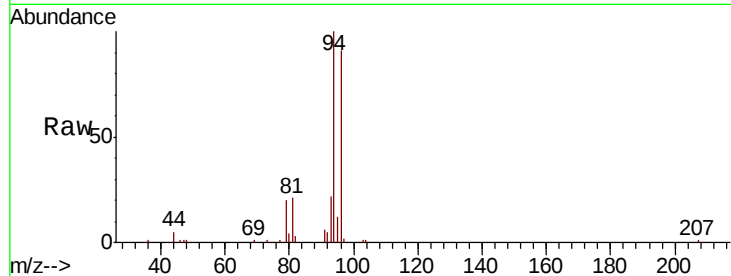
96 91.3 77.3 115.9

Manual Integrations

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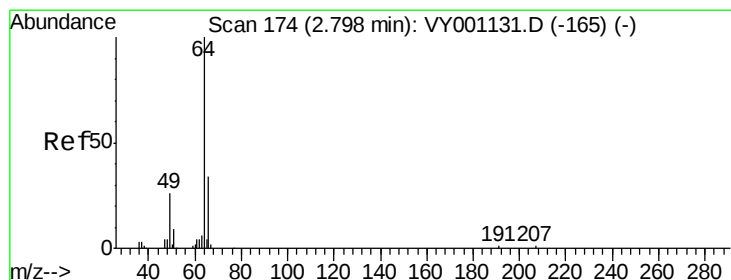
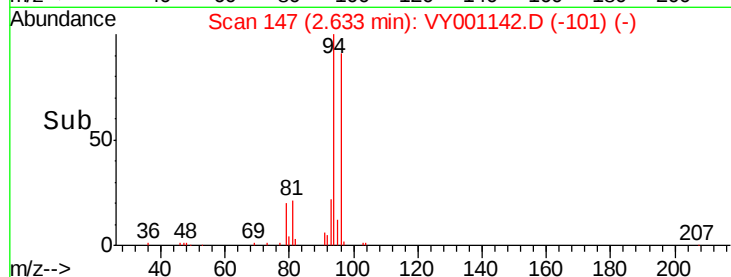
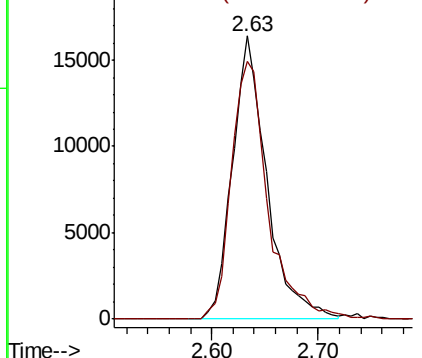
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 25.849 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001142.D

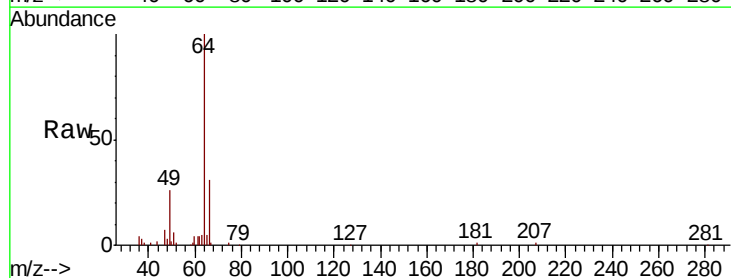
Acq: 02 Jan 2020 18:15

Tgt Ion: 64 Resp: 33588

Ion Ratio Lower Upper

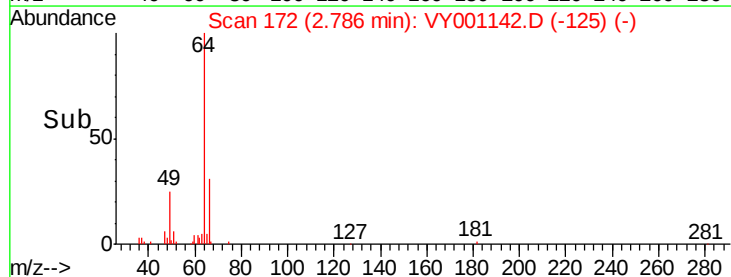
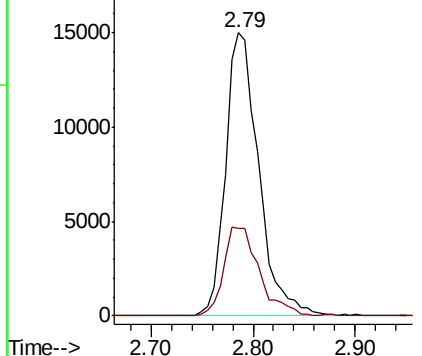
64 100

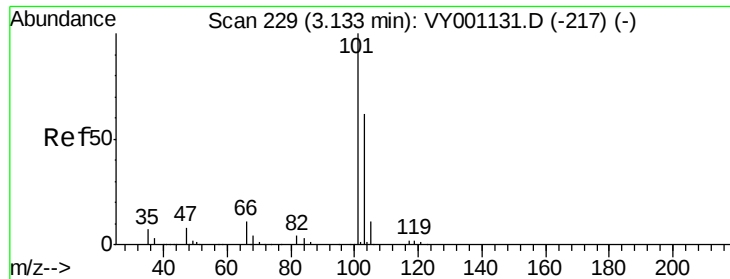
66 30.9 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

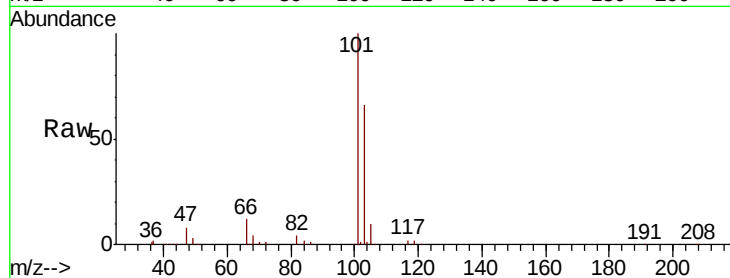
Trichlorofluoromethane
Concen: 20.848 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY001142.D
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VY0102SBSD01

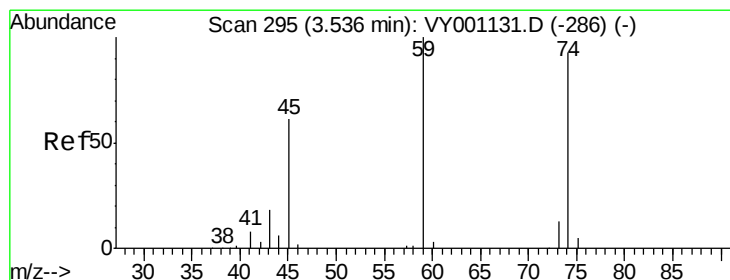
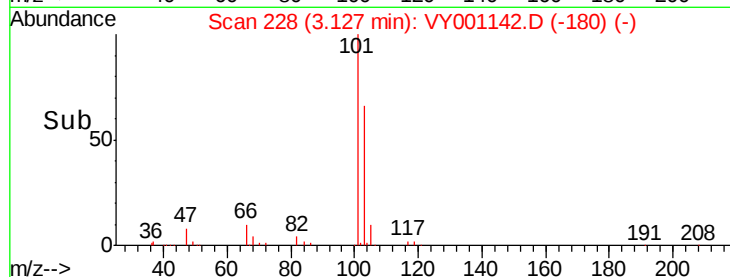
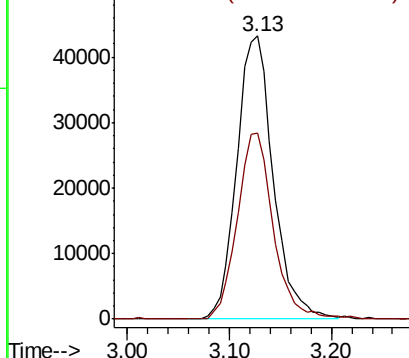
Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	49.7	74.5

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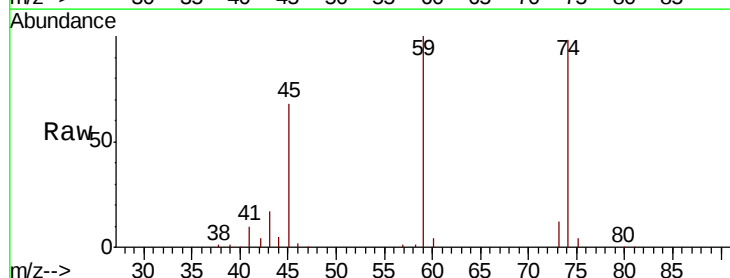
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



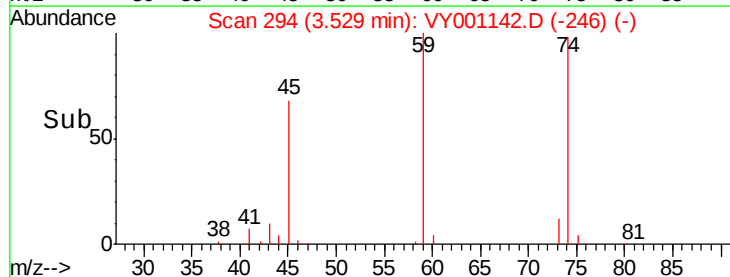
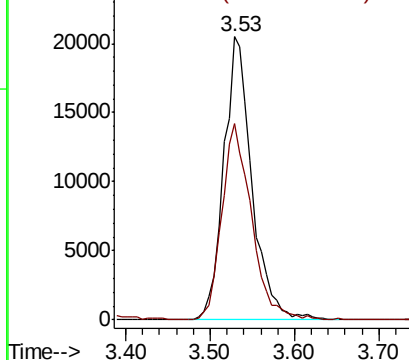
#8

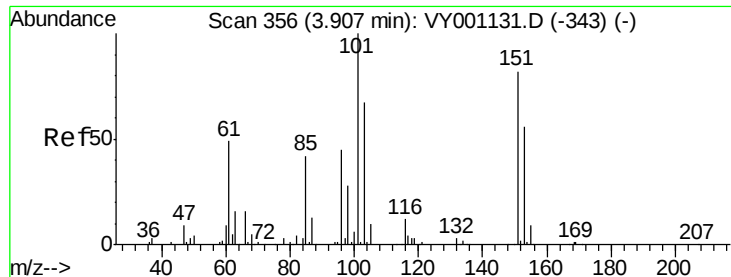
Diethyl Ether
Concen: 25.994 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	73.2	33.2	99.6



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.024 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

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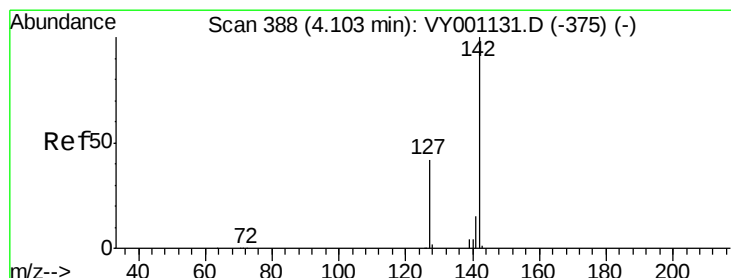
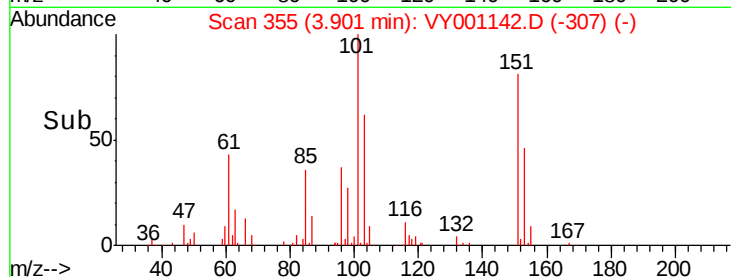
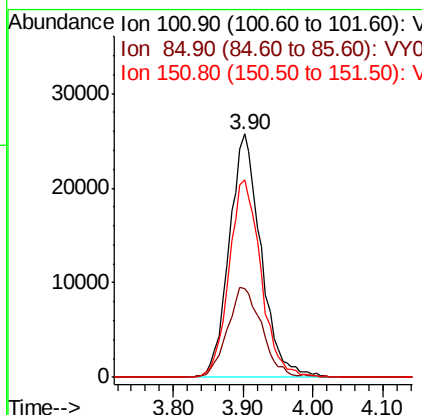
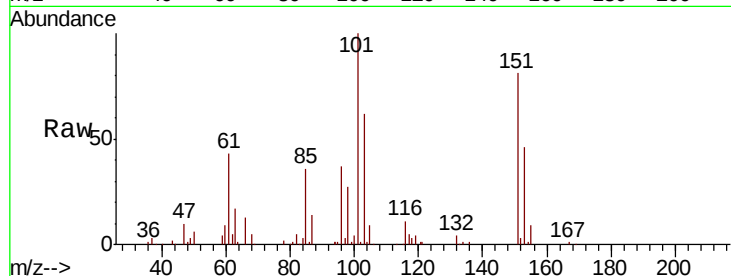
ClientSampleId :

VY0102SBSD01

Tot Ion:	101	Resp:	81074
Ion Ratio	Lower	Upper	
101	100		
85	40.1	32.8	49.2
151	81.3	67.4	101.0

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#10

Methyl Iodide

Concen: 21.548 ug/l

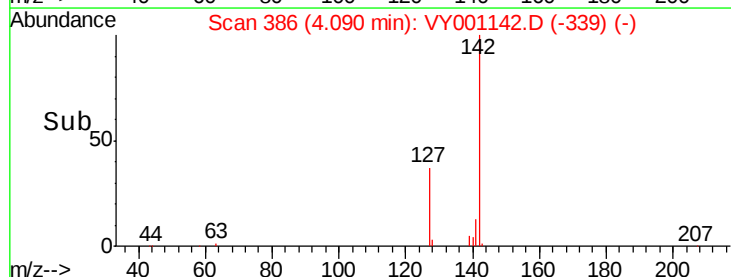
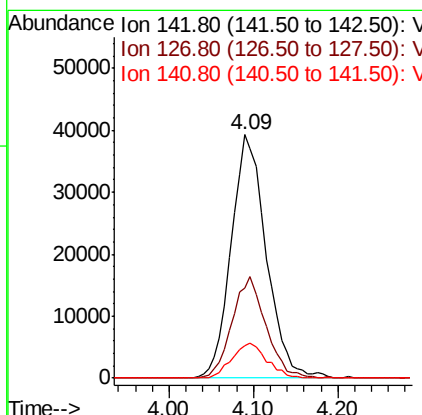
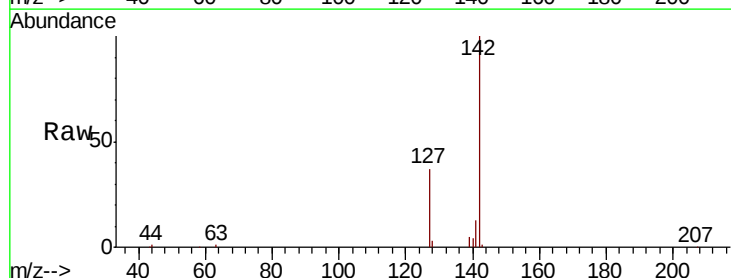
RT: 4.09 min Scan# 386

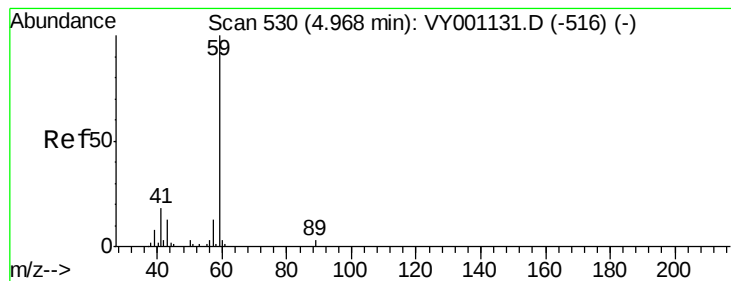
Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	142	Resp:	110727
Ion Ratio	Lower	Upper	
142	100		
127	40.0	32.2	48.4
141	14.4	11.1	16.7





#11

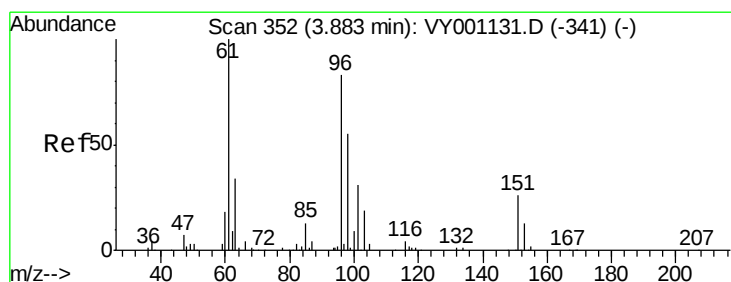
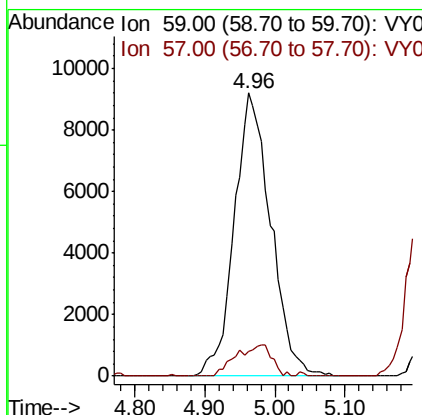
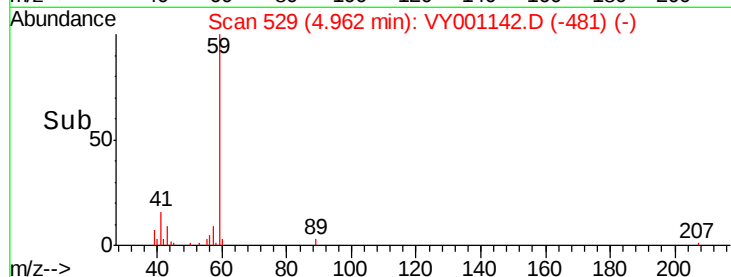
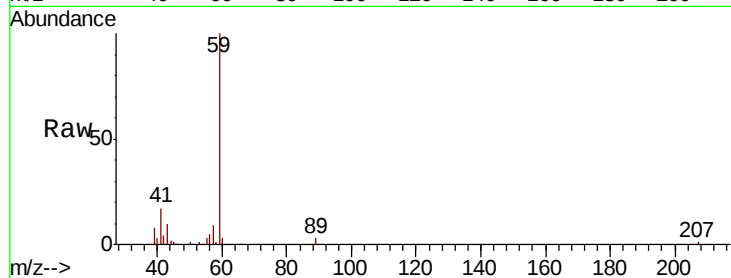
Tert butyl alcohol
 Concen: 113.451 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	59	Resp	33437
Ion Ratio	100	Lower	Upper
57	0.0	7.8	11.6#

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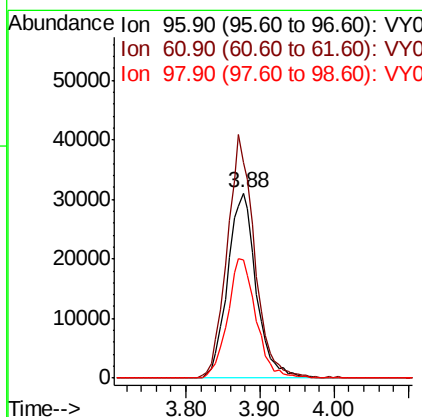
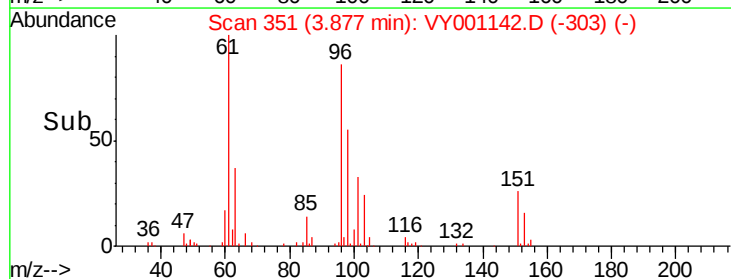
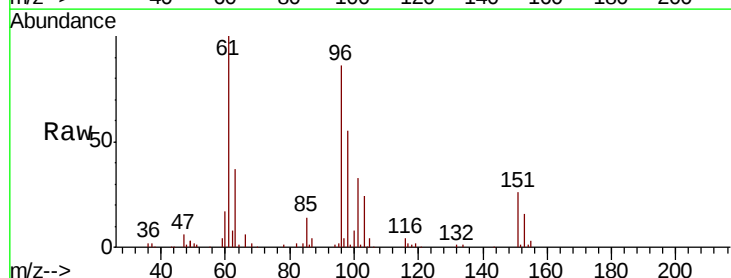
apatel
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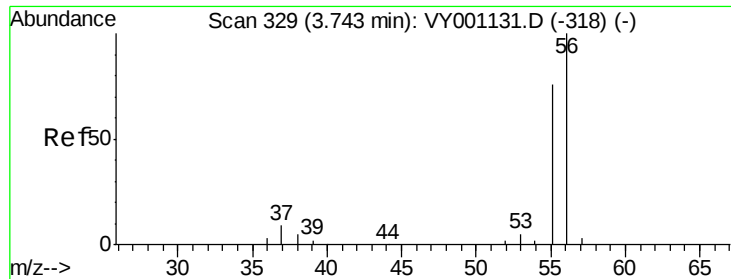


#12

1,1-Dichloroethene
 Concen: 24.894 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Tgt Ion	96	Resp	83219
Ion Ratio	100	Lower	Upper
61	116.3	96.2	144.4
98	63.7	52.8	79.2





#13

Acrolein

Concen: 145.651 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 56 Resp: 39146

Ion Ratio Lower Upper

56 100

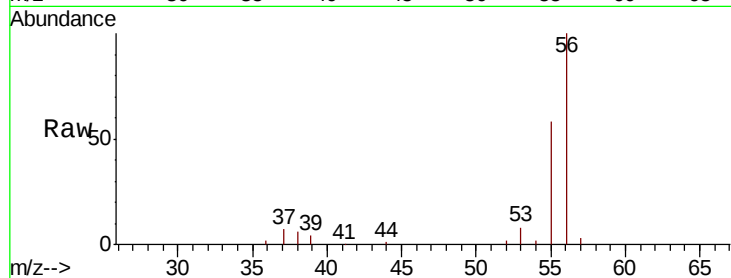
55 68.0 55.7 83.5

Manual Integrations

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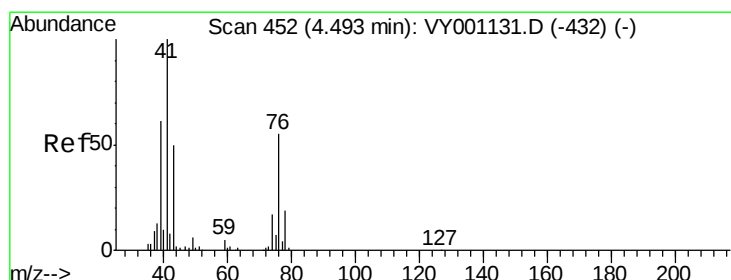
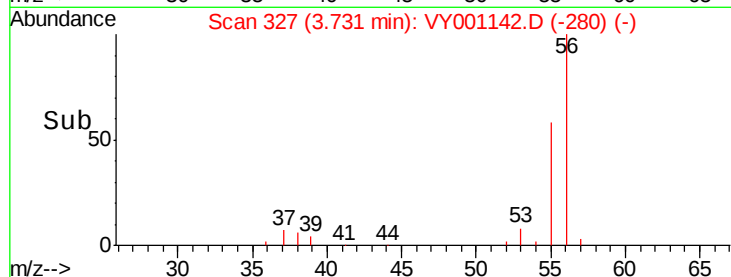
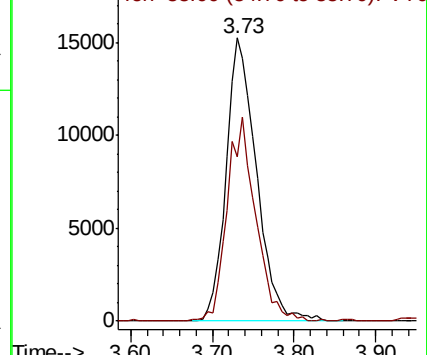
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 22.711 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

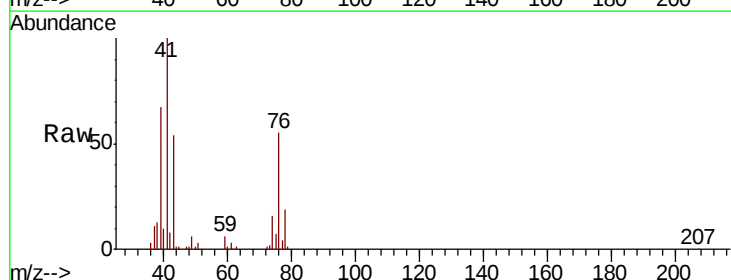
Tgt Ion: 41 Resp: 87299

Ion Ratio Lower Upper

41 100

39 64.2 50.1 75.1

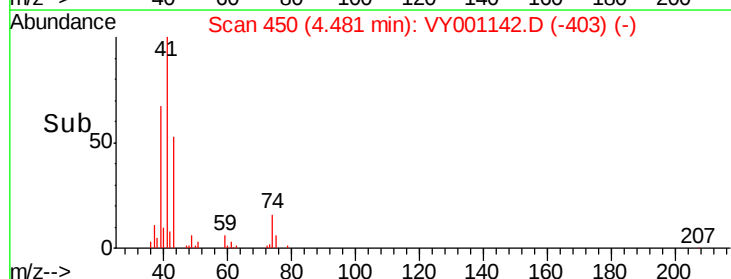
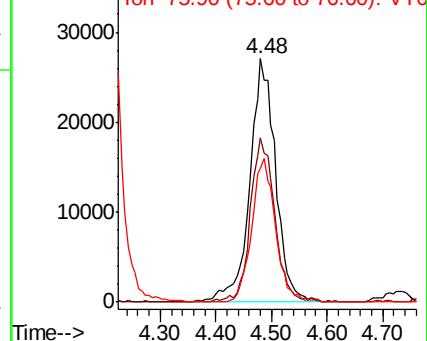
76 54.5 42.1 63.1

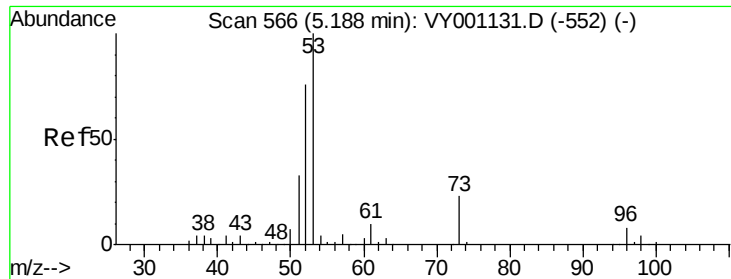


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 117.596 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

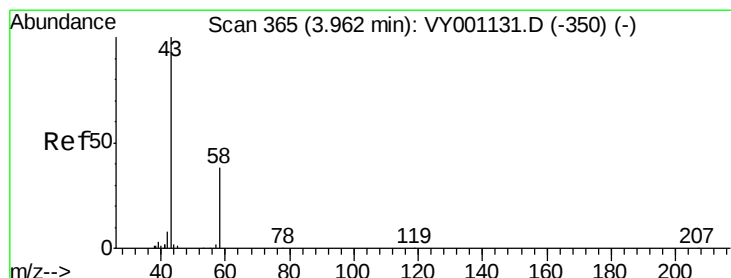
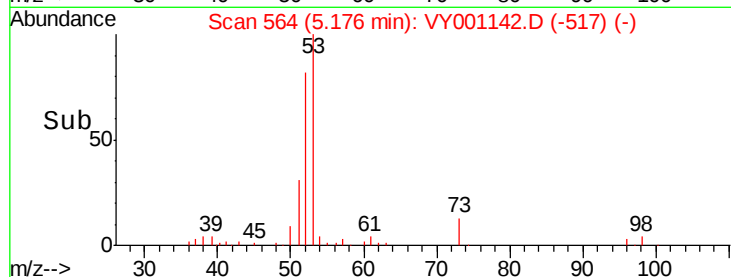
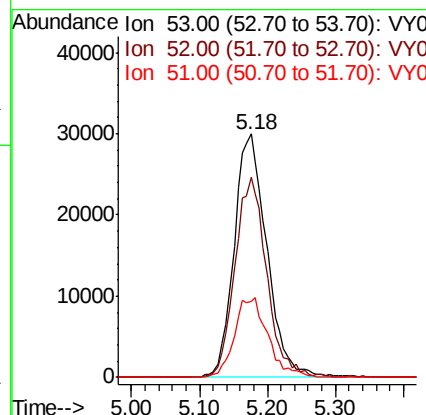
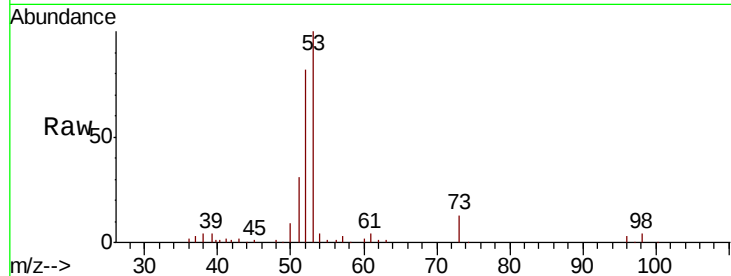
ClientSampleId :

VY0102SBSD01

Tot Ion:	53	Resp:	99883
Ion Ratio	Lower	Upper	
53	100		
52	80.0	63.0	94.4
51	33.6	26.1	39.1

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#16

Acetone

Concen: 122.734 ug/l

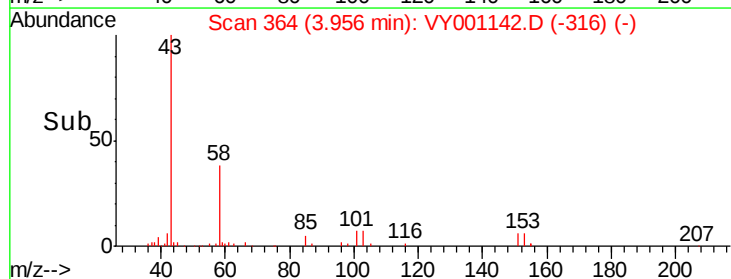
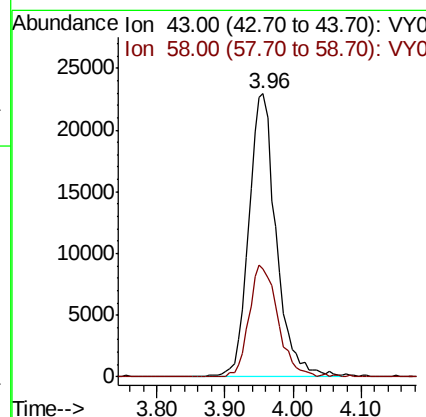
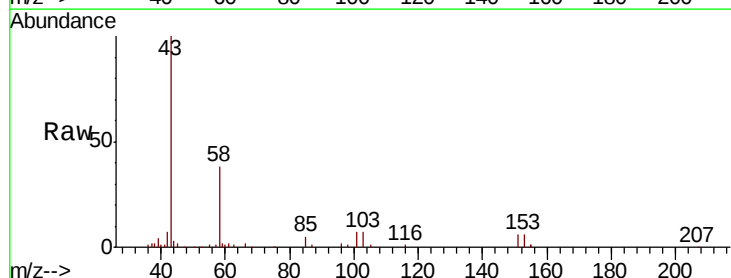
RT: 3.96 min Scan# 364

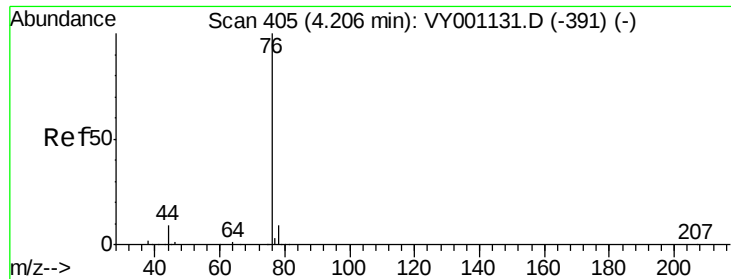
Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	43	Resp:	64431
Ion Ratio	Lower	Upper	
43	100		
58	38.2	30.6	46.0





#17

Carbon Disulfide

Concen: 23.510 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 76 Resp: 243631

Ion Ratio Lower Upper

76 100

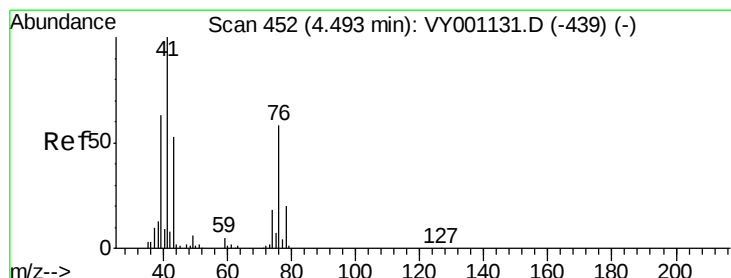
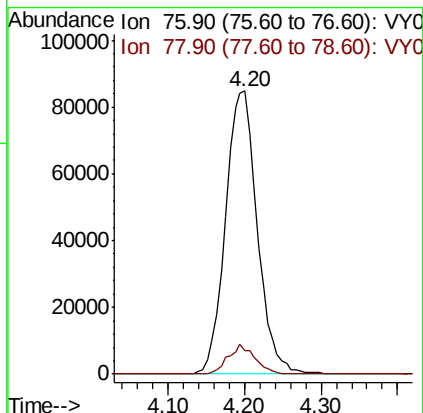
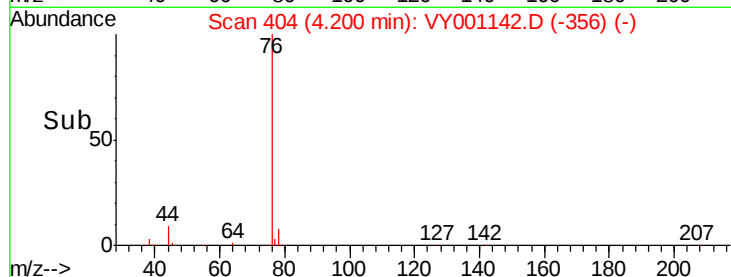
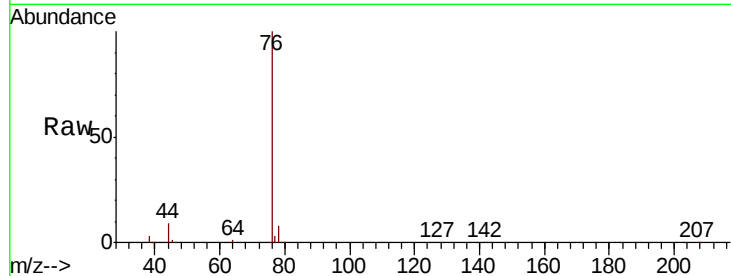
78 8.4 7.4 11.0

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#18

Methyl Acetate

Concen: 24.472 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.00 min

Lab File: VY001142.D

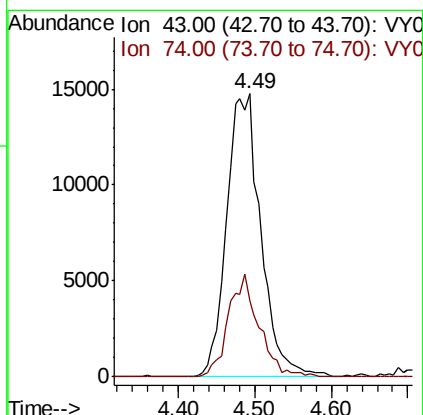
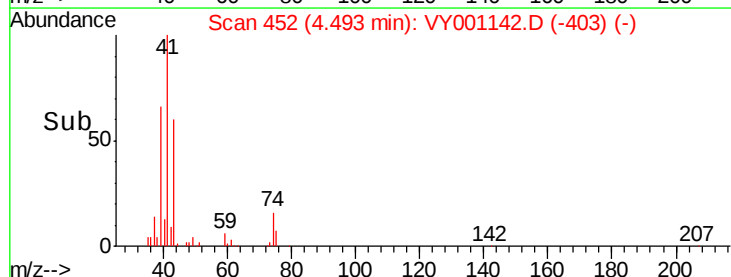
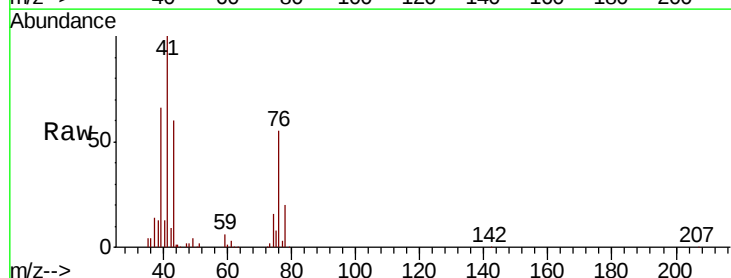
Acq: 02 Jan 2020 18:15

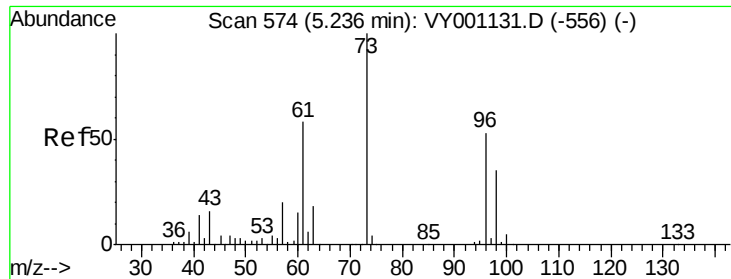
Tgt Ion: 43 Resp: 45595

Ion Ratio Lower Upper

43 100

74 32.4 27.3 40.9





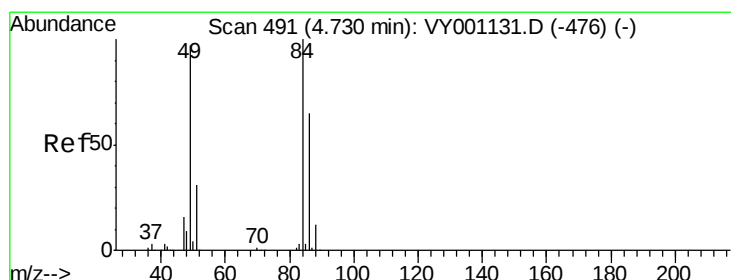
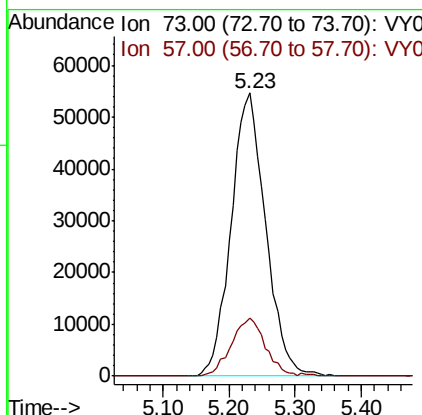
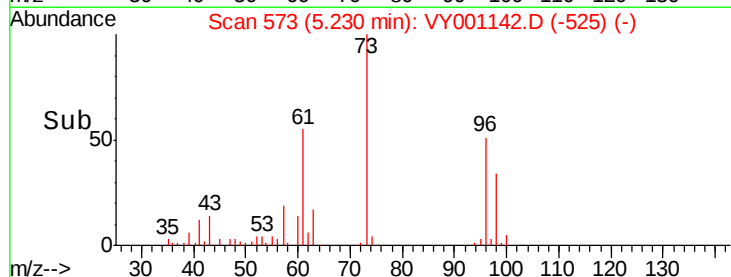
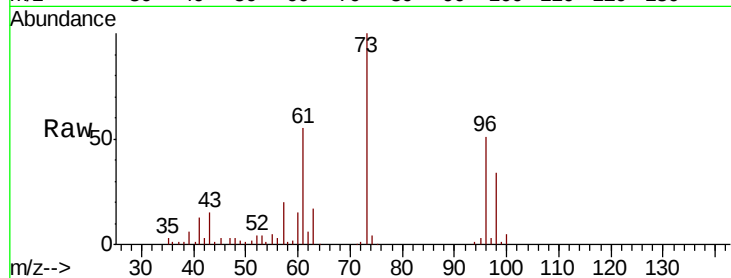
#19
Methyl tert-butyl Ether
Concen: 23.777 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion: 73 Resp: 198144
Ion Ratio Lower Upper
73 100
57 20.3 16.3 24.5

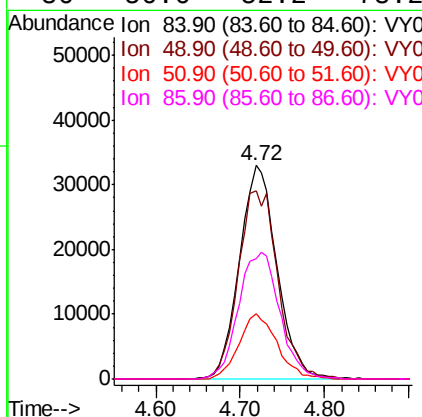
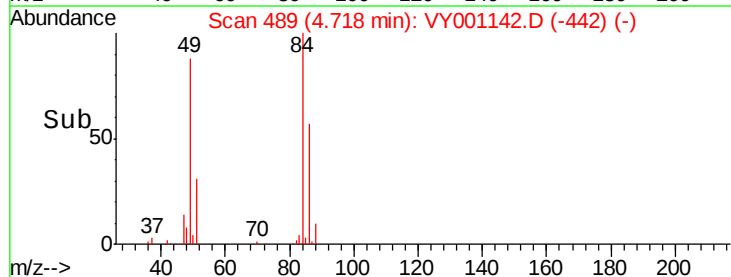
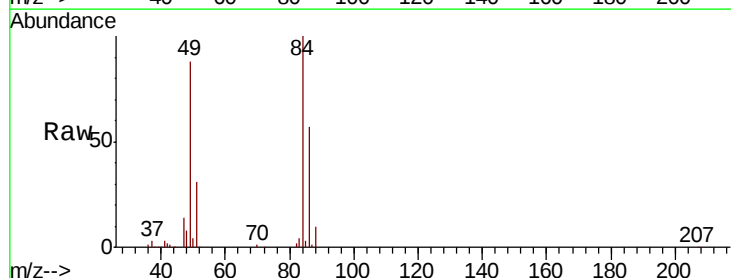
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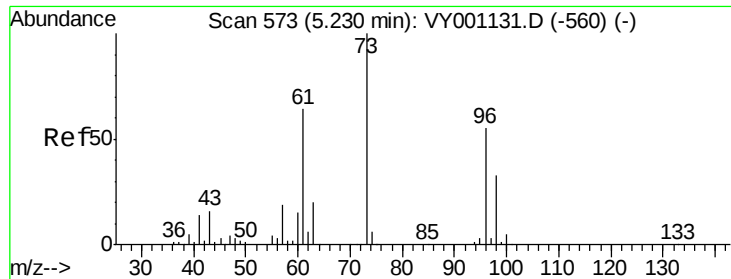
apatel
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#20
Methylene Chloride
Concen: 24.628 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion: 84 Resp: 99432
Ion Ratio Lower Upper
84 100
49 88.3 77.5 116.3
51 30.5 24.7 37.1
86 56.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 23.490 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

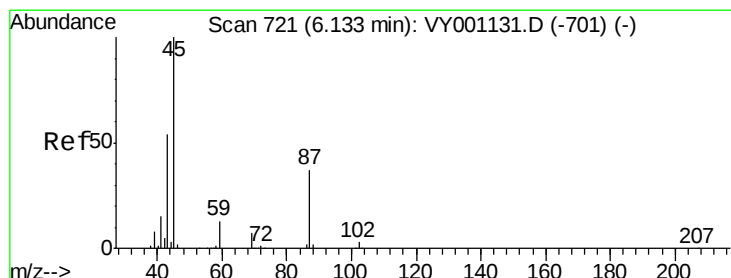
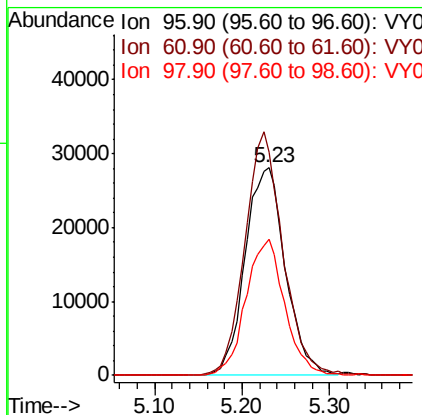
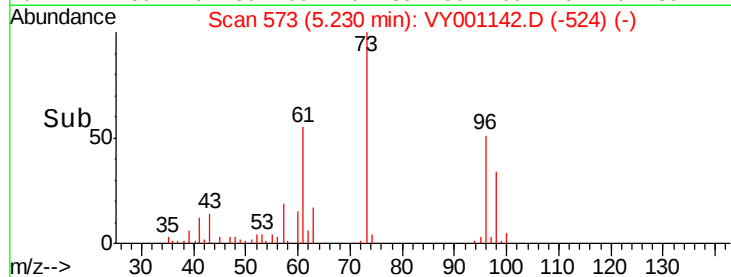
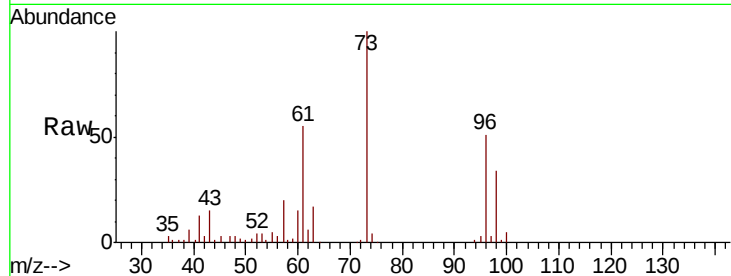
ClientSampleId :

VY0102SBSD01

Tot Ion:	96	Resp:	90167
Ion	Ratio	Lower	Upper
96	100		
61	107.5	93.2	139.8
98	65.5	48.8	73.2

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#22

Diisopropyl ether

Concen: 24.560 ug/l

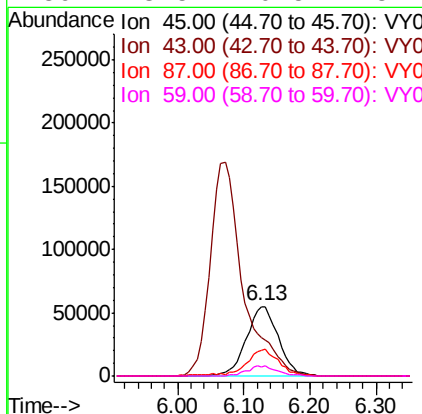
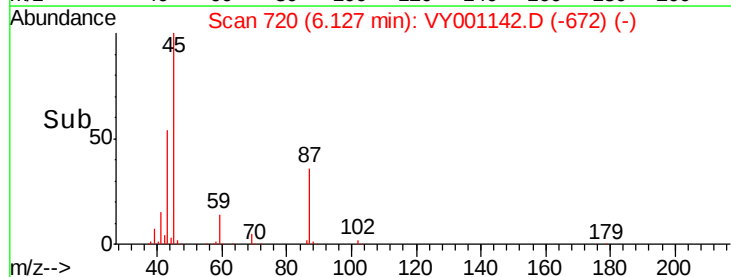
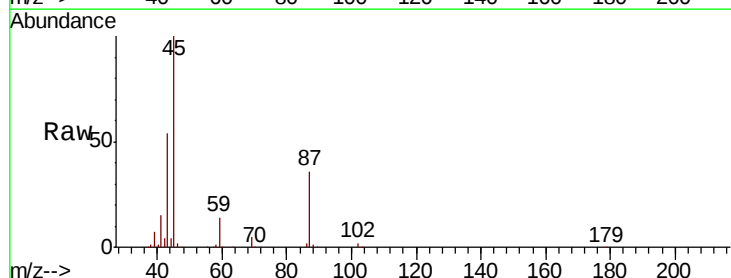
RT: 6.13 min Scan# 720

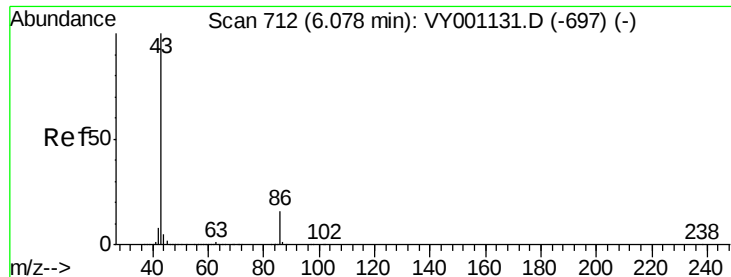
Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	45	Resp:	185851
Ion	Ratio	Lower	Upper
45	100		
43	54.2	43.7	65.5
87	35.9	30.0	45.0
59	13.5	10.5	15.7





#23

Vinyl Acetate

Concen: 116.262 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampled :

VY0102SBSD01

Tot Ion: 43 Resp: 580353

Ion Ratio Lower Upper

43 100

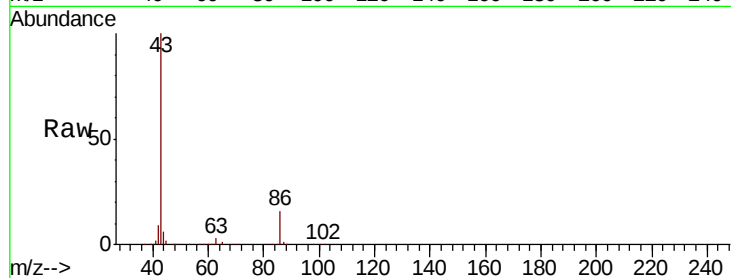
86 16.4 12.6 18.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

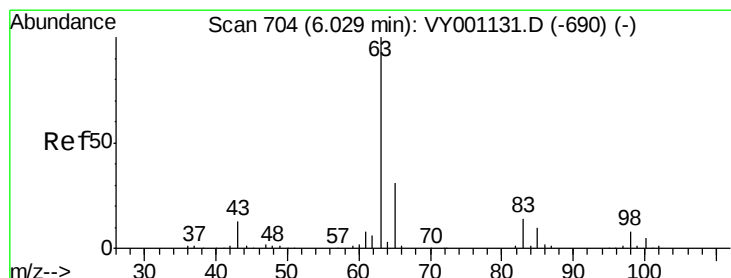
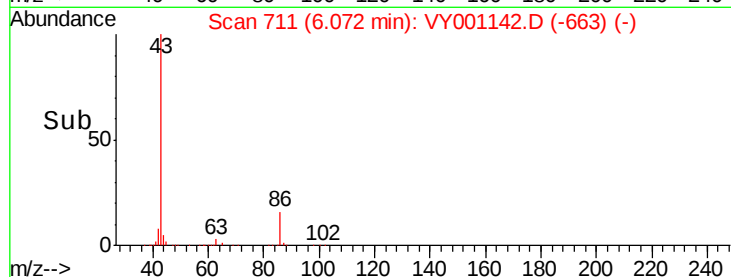
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.833 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

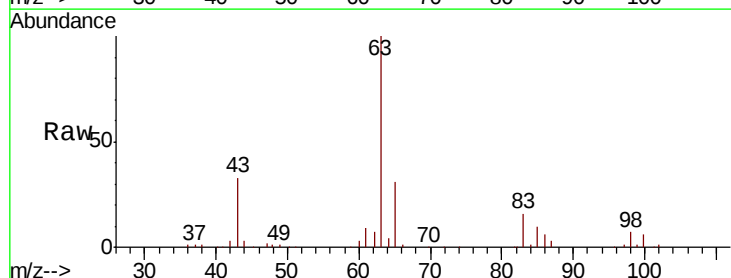
Tgt Ion: 63 Resp: 124668

Ion Ratio Lower Upper

63 100

98 7.5 4.1 12.3

100 5.9 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

50000

40000

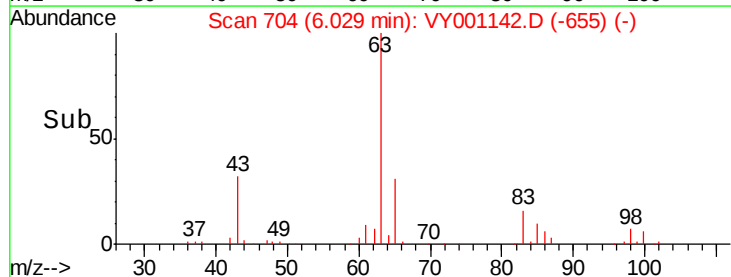
30000

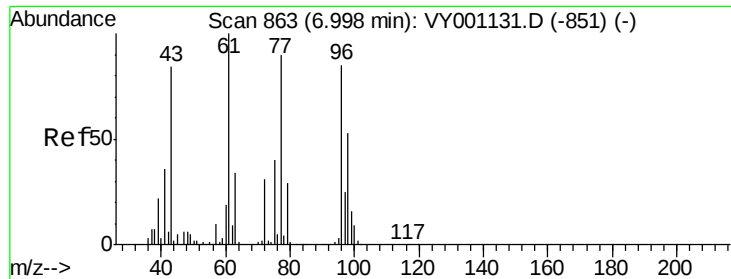
20000

10000

0

Time-->





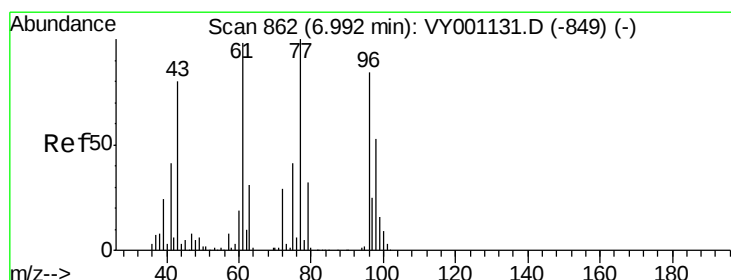
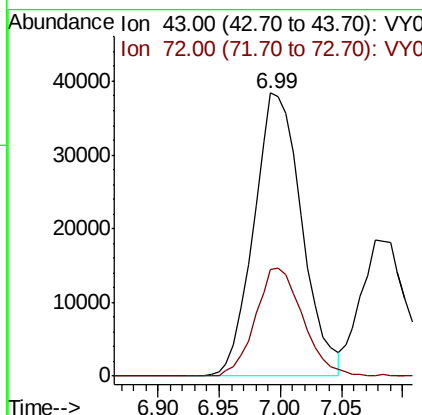
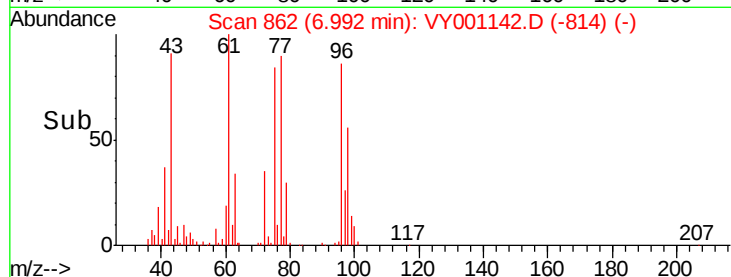
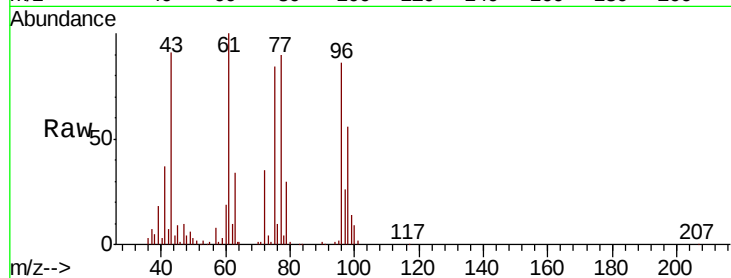
#25
2-Butanone
Concen: 108.652 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion: 43 Resp: 104969
Ion Ratio Lower Upper
43 100
72 37.9 29.5 44.3

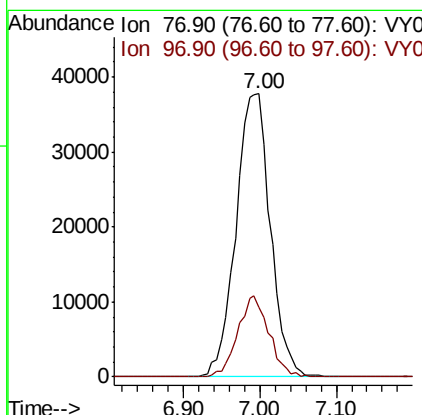
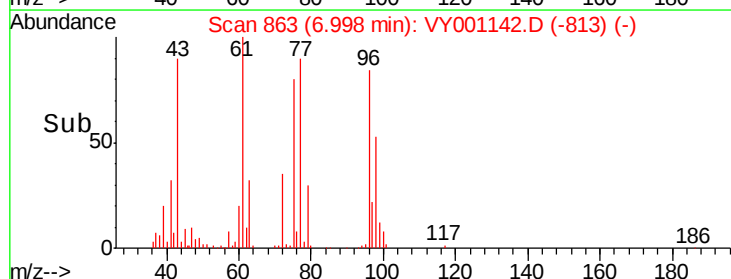
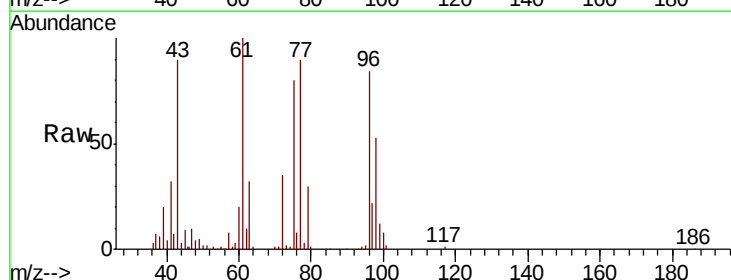
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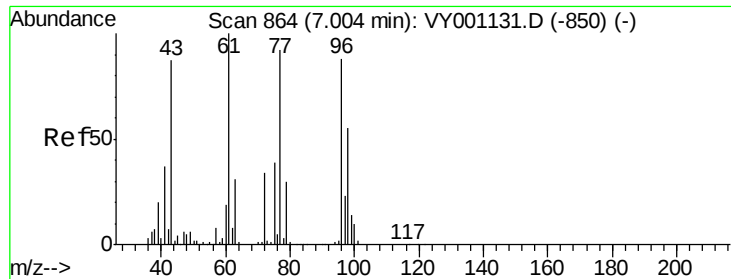
apatel
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#26
2,2-Dichloropropane
Concen: 20.881 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion: 77 Resp: 117838
Ion Ratio Lower Upper
77 100
97 25.8 12.6 37.6





#27

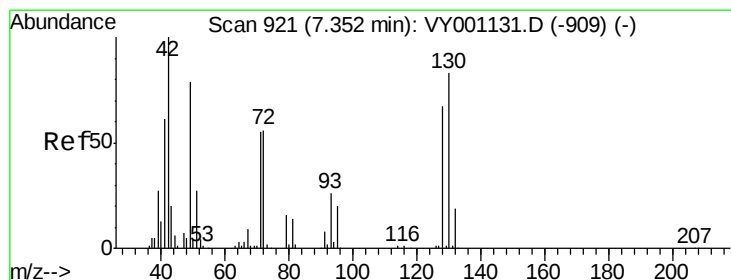
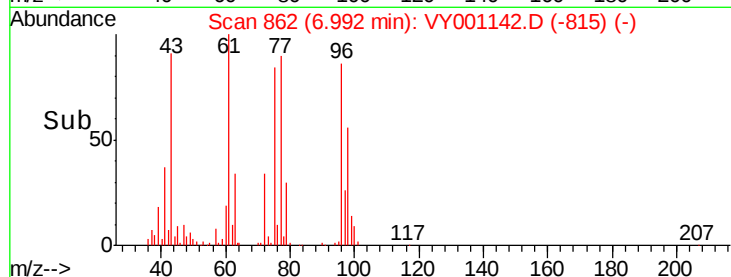
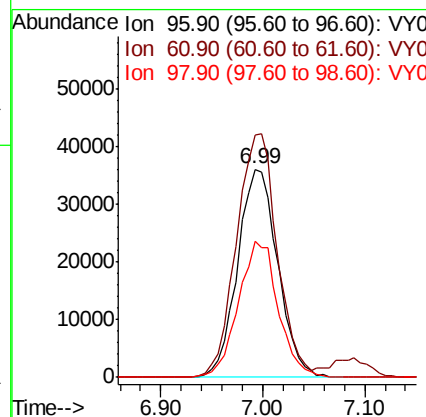
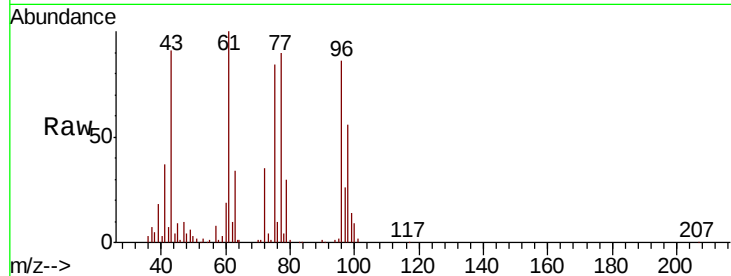
cis-1,2-Dichloroethene
 Concen: 21.805 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.5	0.0	235.0
98	64.7	0.0	127.4

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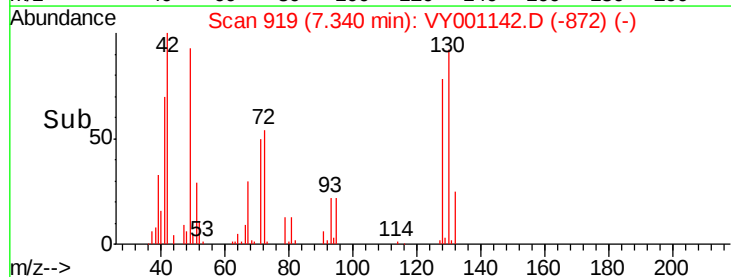
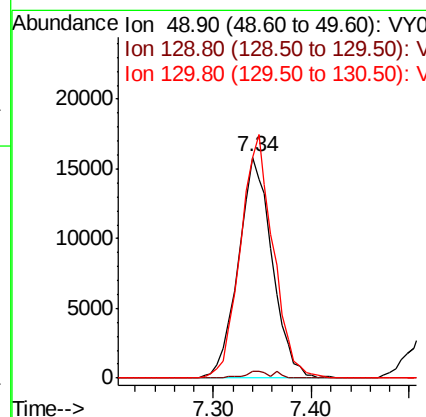
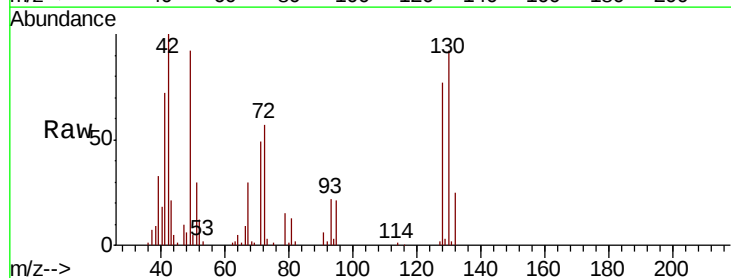
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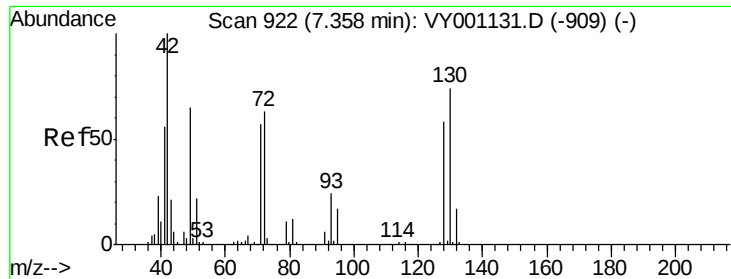


#28

Bromochloromethane
 Concen: 19.448 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	6.0
130	106.5	86.9	130.3





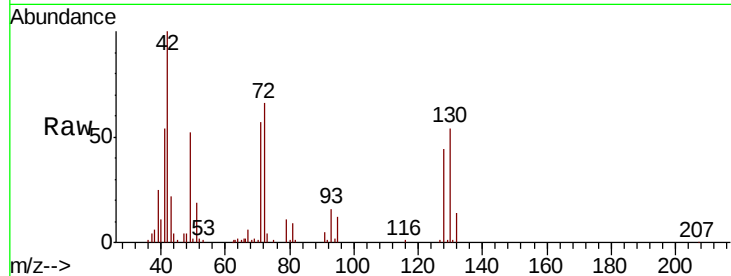
#29
Tetrahydrofuran
Concen: 105.988 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

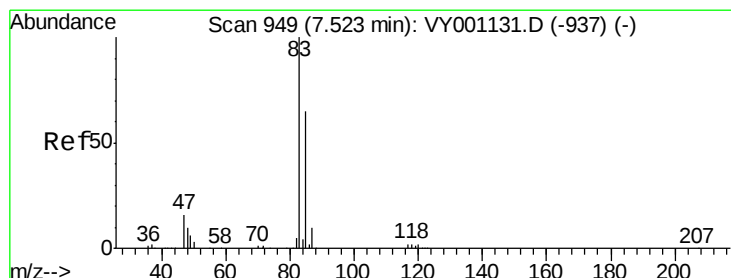
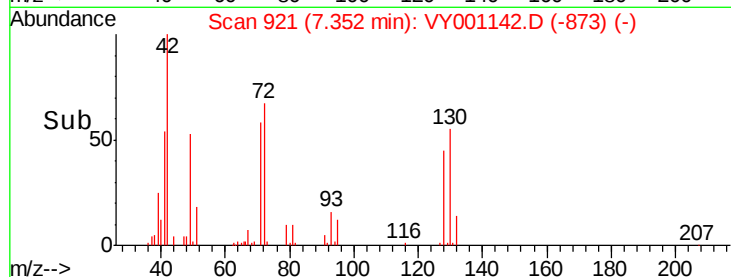
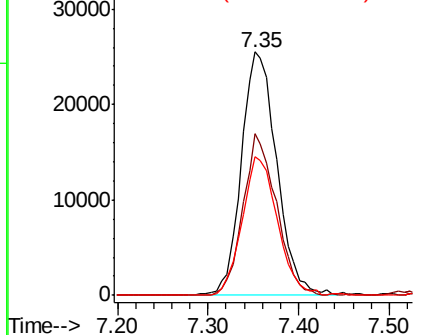
Tot Ion	Ratio	Lower	Upper
42	100		
72	62.7	49.0	73.6
71	56.7	45.3	67.9

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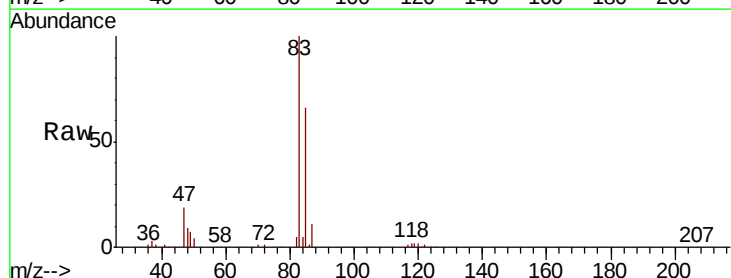


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

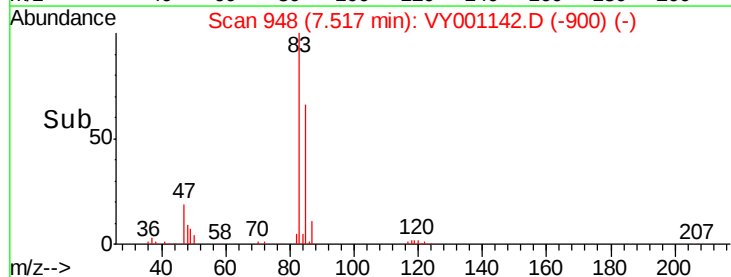
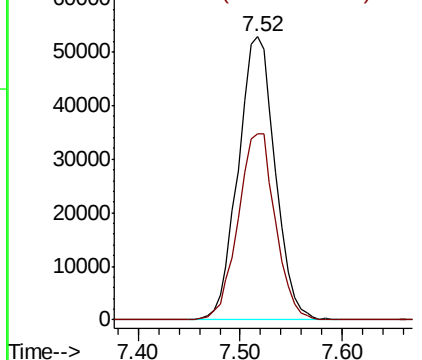


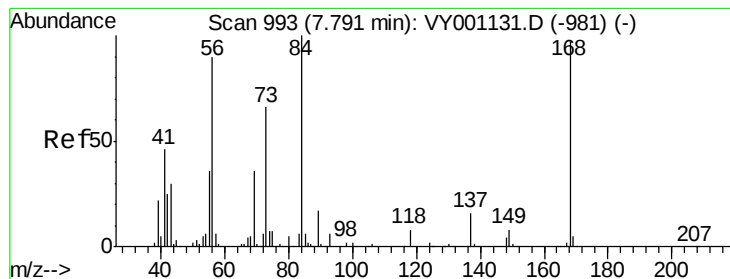
#30
Chloroform
Concen: 20.805 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.969 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

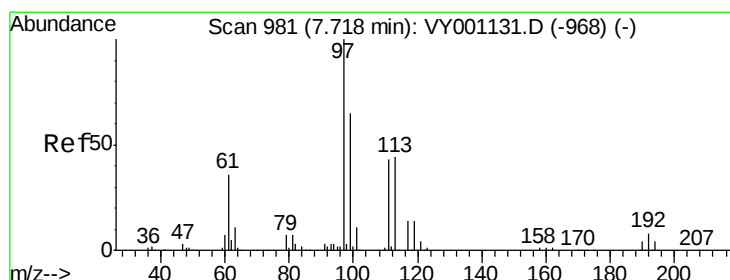
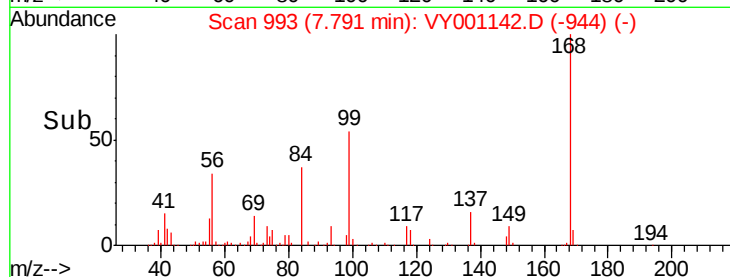
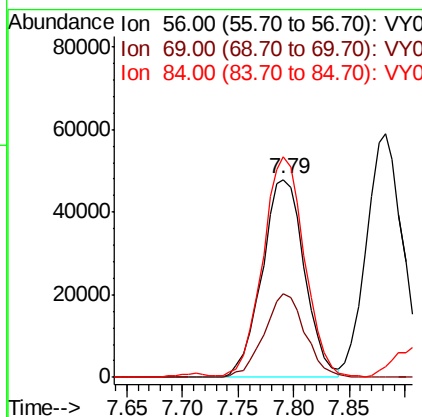
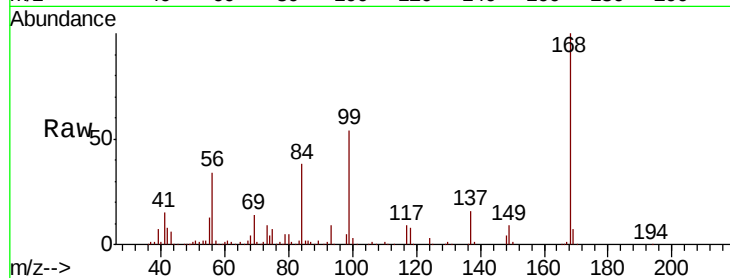
ClientSampleId :

VY0102SBS01

Tot Ion:	56	Resp:	127183
Ion Ratio	Lower	Upper	
56	100		
69	42.1	32.0	48.0
84	109.8	89.1	133.7

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#32

1,1,1-Trichloroethane

Concen: 20.296 ug/l

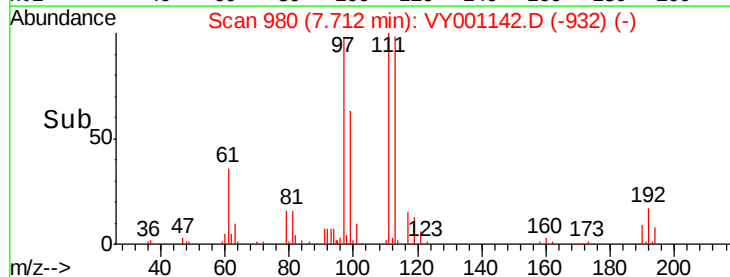
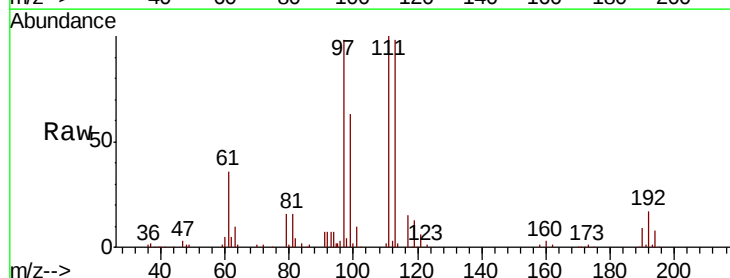
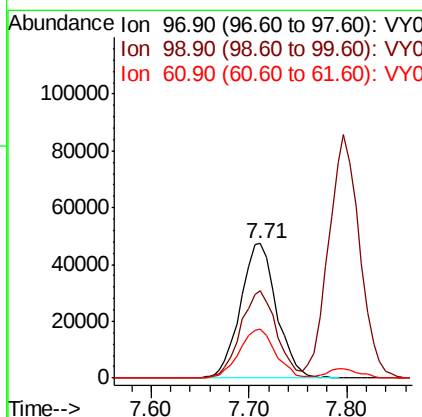
RT: 7.71 min Scan# 980

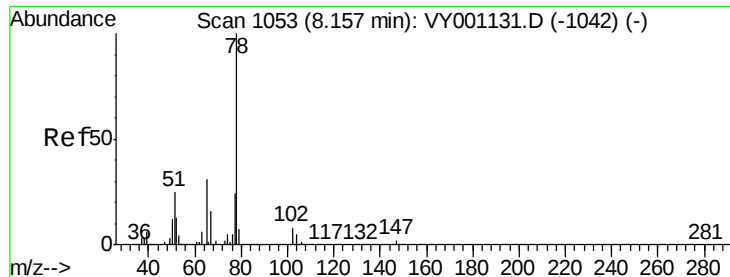
Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	97	Resp:	120972
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.0	76.6
61	36.3	29.2	43.8





#33

1,2-Dichloroethane-d4

Concen: 50.976 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 65 Resp: 156372

Ion Ratio Lower Upper

65 100

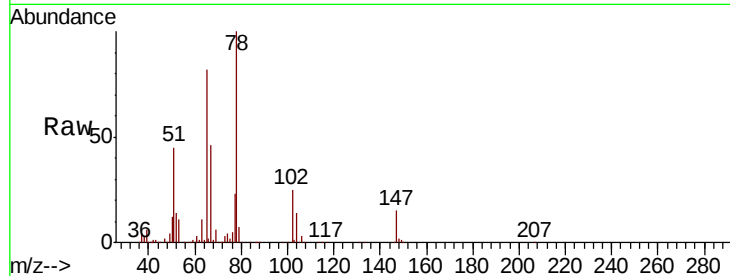
67 55.3 0.0 110.6

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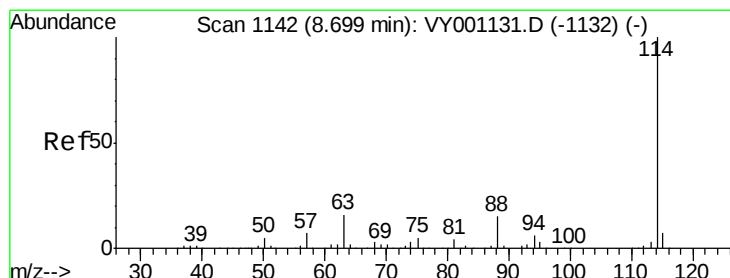
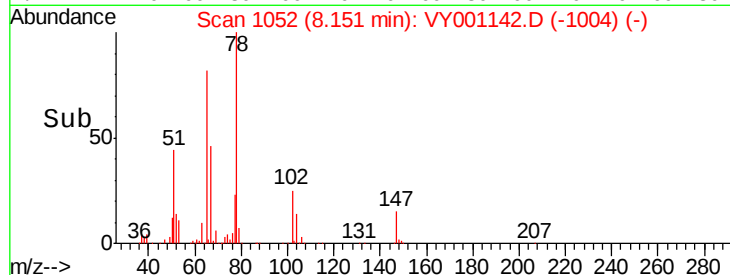
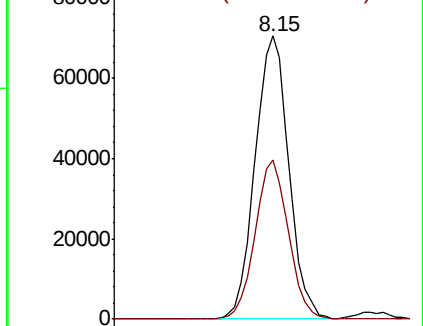
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

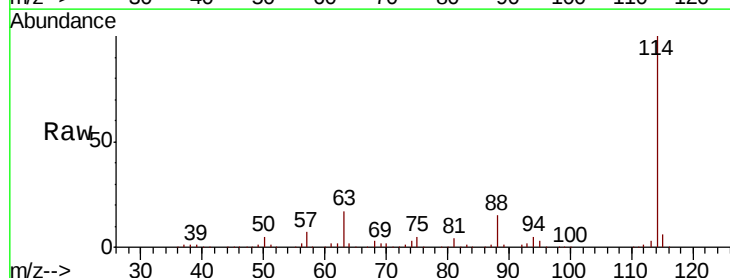
Tgt Ion: 114 Resp: 609028

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.0

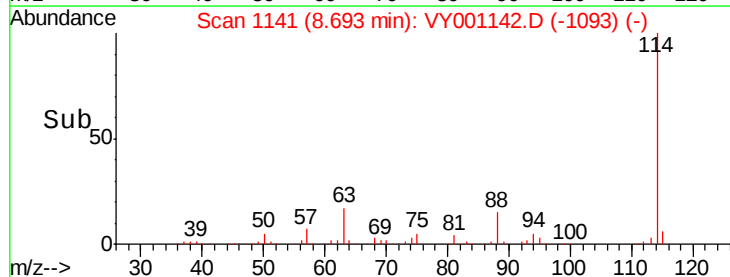
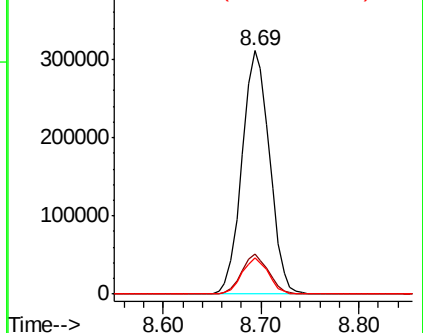
88 14.9 0.0 30.0

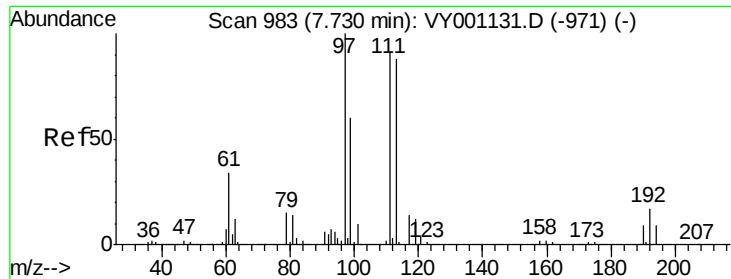


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





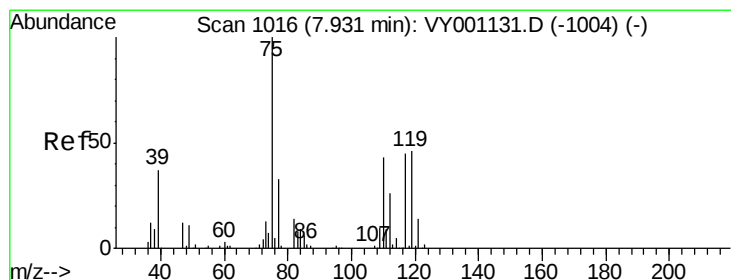
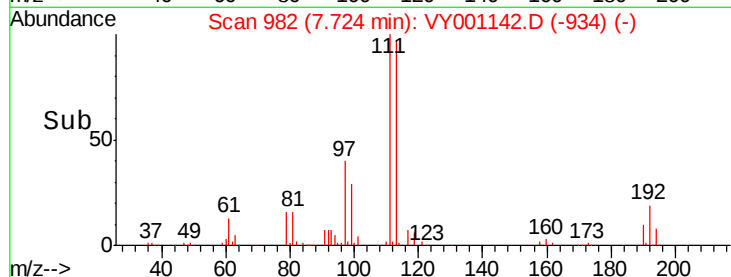
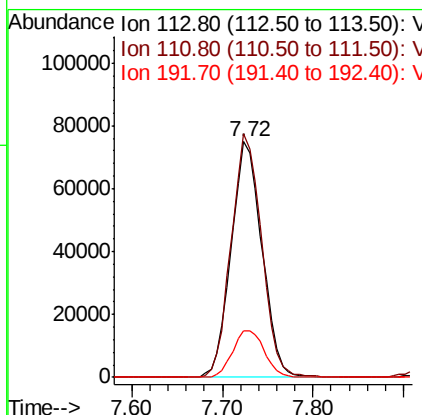
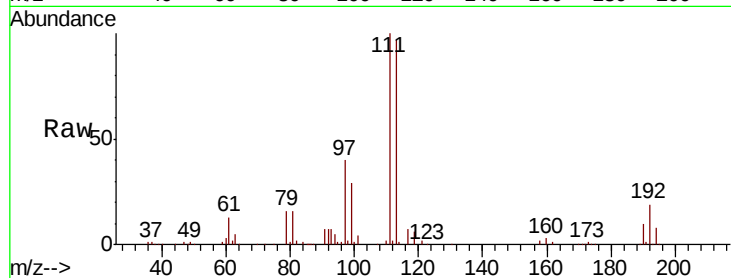
#35
Dibromofluoromethane
Concen: 51.041 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	176766		
111	102.1	81.0	121.4	
192	20.5	16.4	24.6	

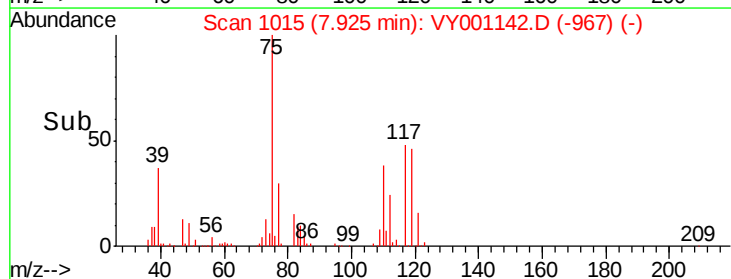
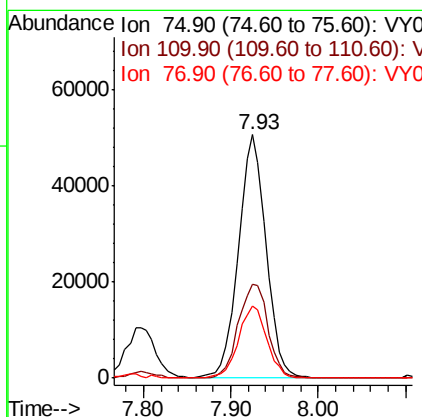
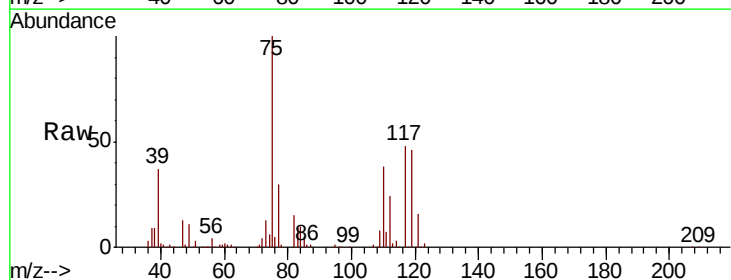
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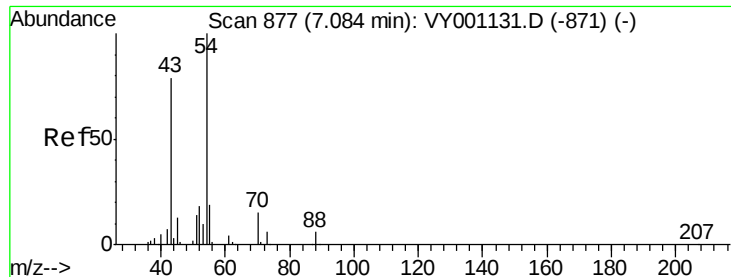
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#36
1,1-Dichloropropene
Concen: 20.934 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	111230		
110	41.2	20.6	61.8	
77	30.4	25.7	38.5	





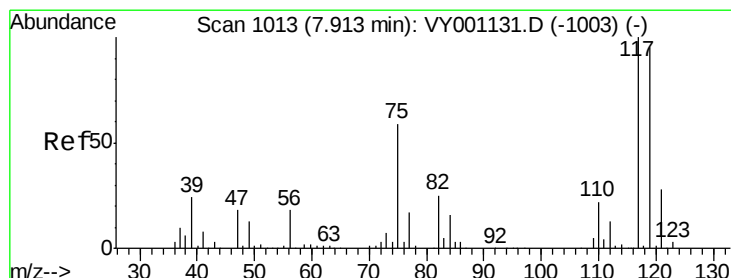
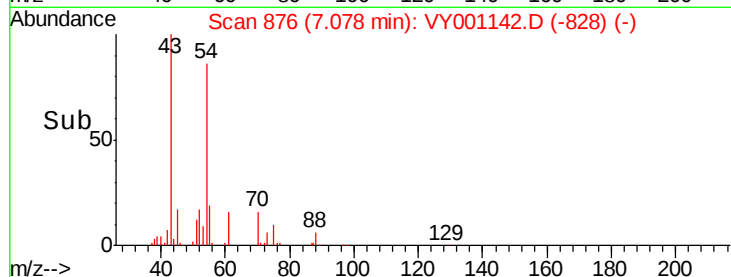
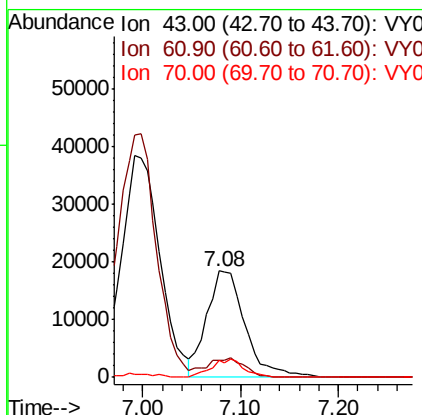
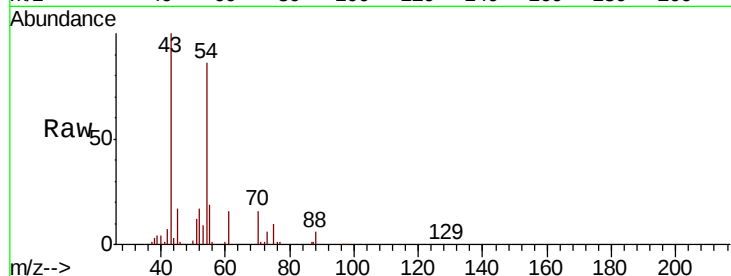
#37
Ethyl Acetate
Concen: 22.568 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	43	Resp	49878
Ion Ratio	100	Lower	Upper
43	100		
61	17.2	14.4	21.6
70	14.9	11.5	17.3

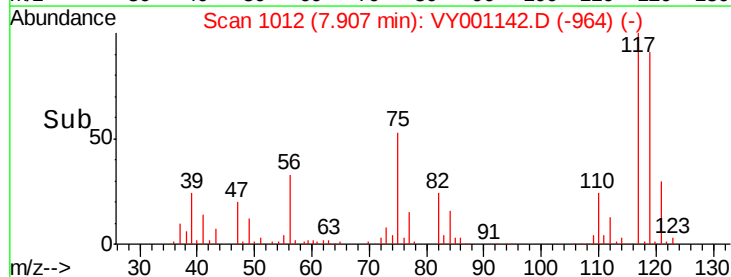
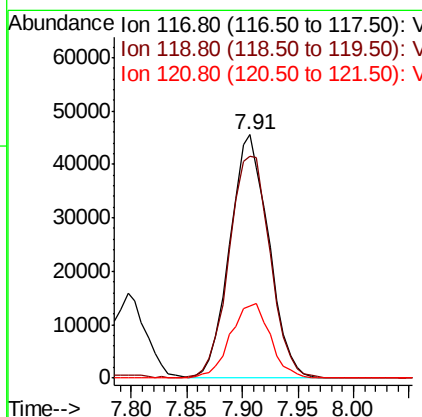
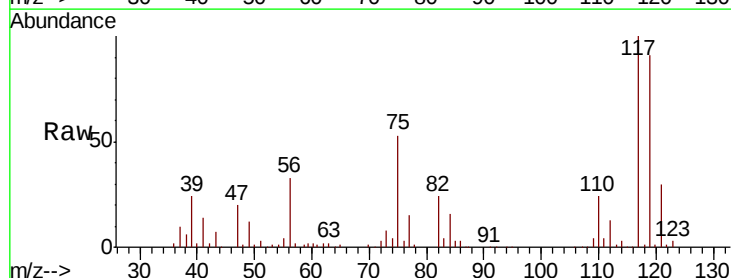
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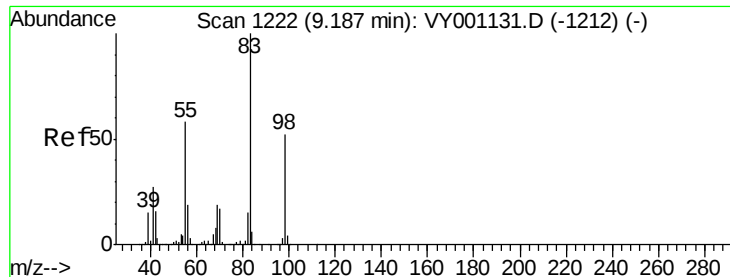
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#38
Carbon Tetrachloride
Concen: 20.041 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	117	Resp	110645
Ion Ratio	100	Lower	Upper
117	100		
119	91.1	75.8	113.6
121	29.8	22.5	33.7





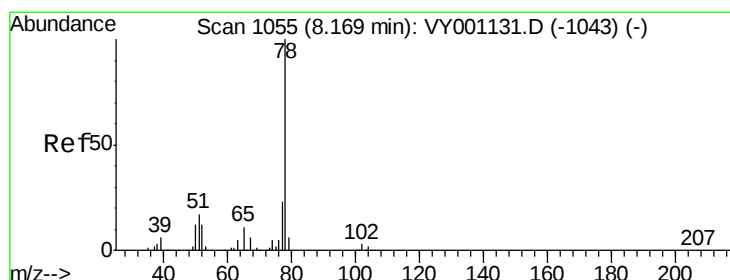
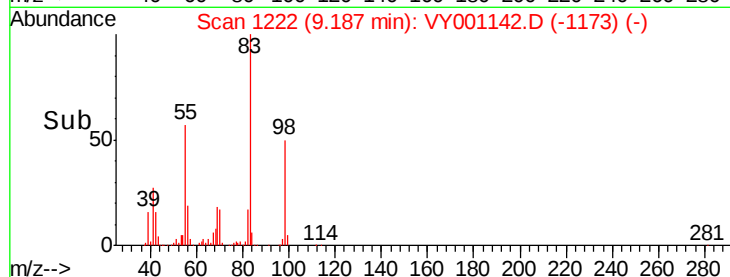
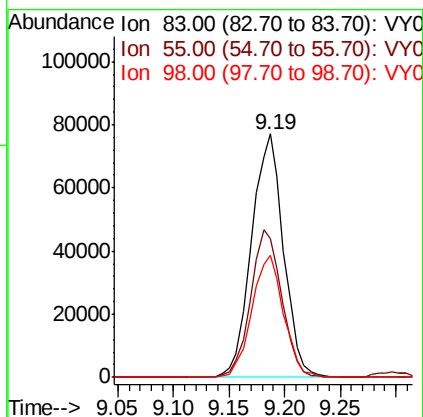
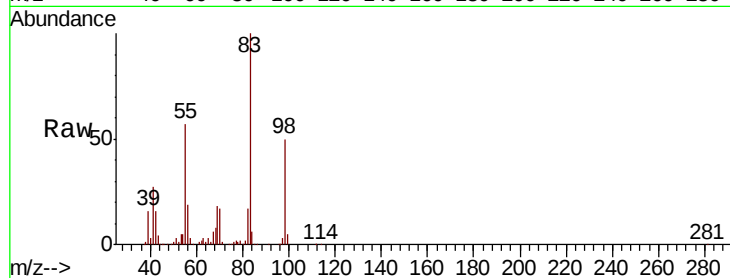
#39
Methvlcvclohexane
Concen: 20.941 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	57.0	46.4	69.6
98	49.9	41.5	62.3

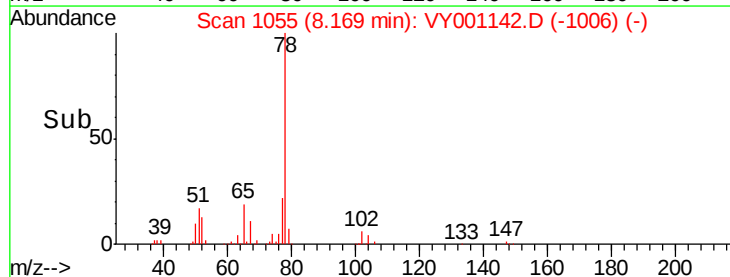
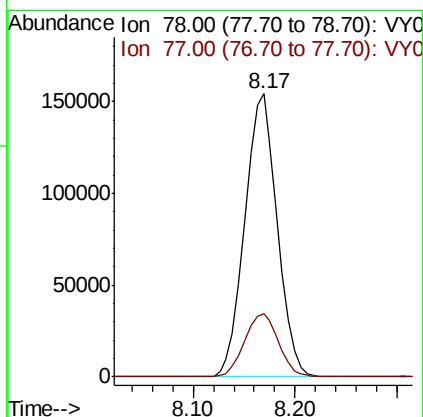
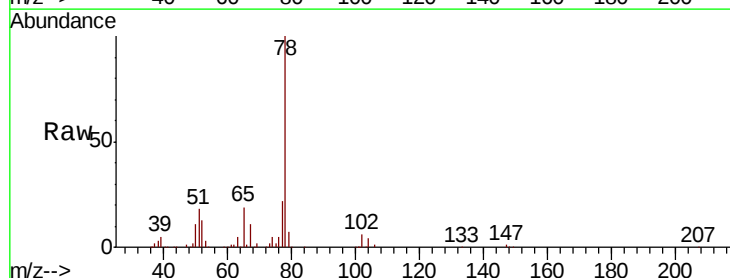
Manual Integrations
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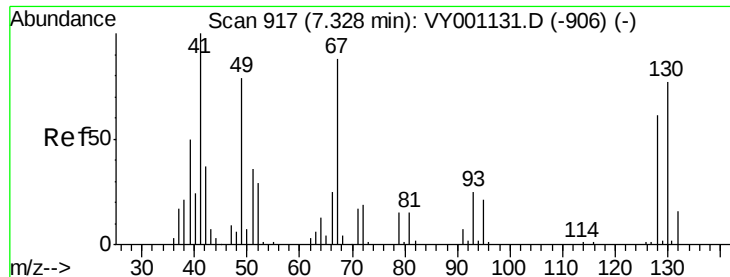
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#40
Benzene
Concen: 20.855 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.8	28.2





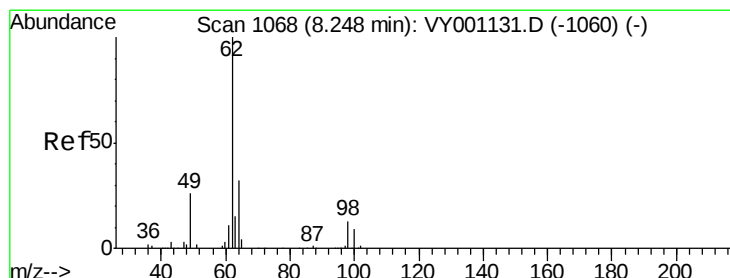
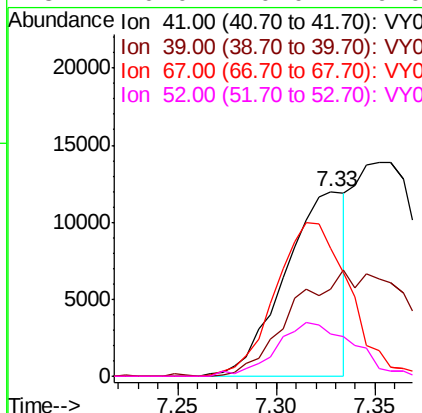
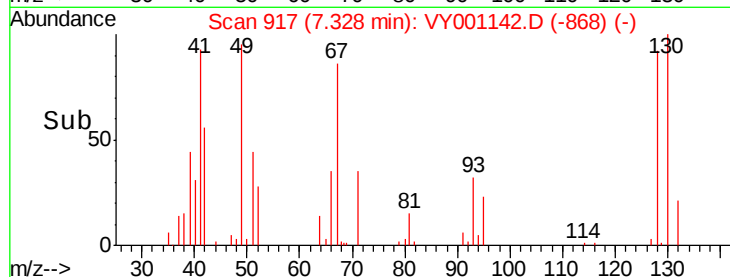
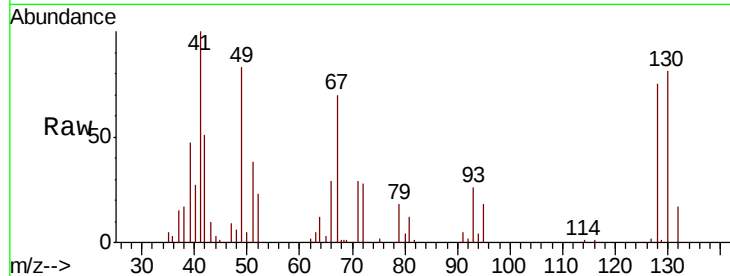
#41
Methacrylonitrile
Concen: 25.221 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.3	122.9	184.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

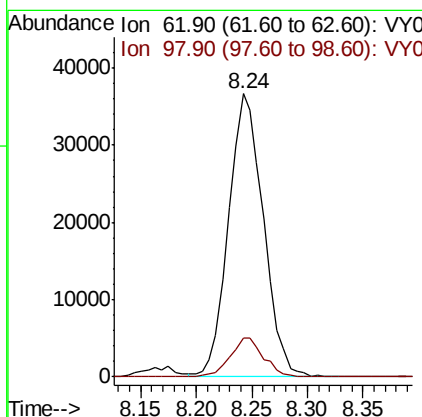
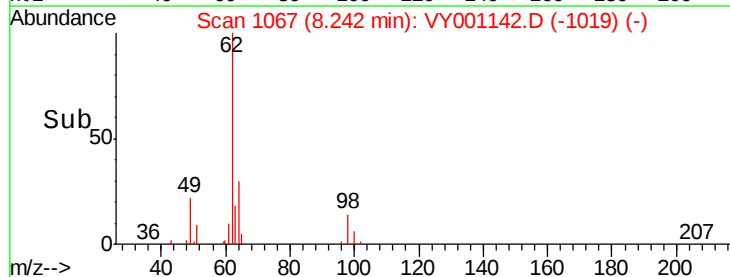
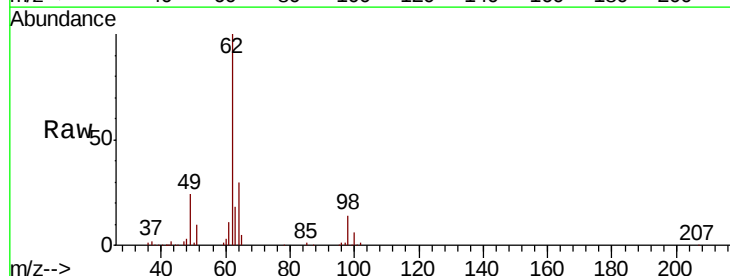
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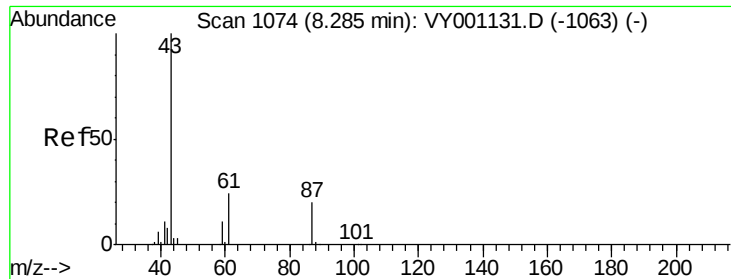
apatel
1/3/2020 11:13:38 AM



#42
1,2-Dichloroethane
Concen: 20.416 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	13.0	0.0	24.4





#43

Isopropyl Acetate

Concen: 20.313 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

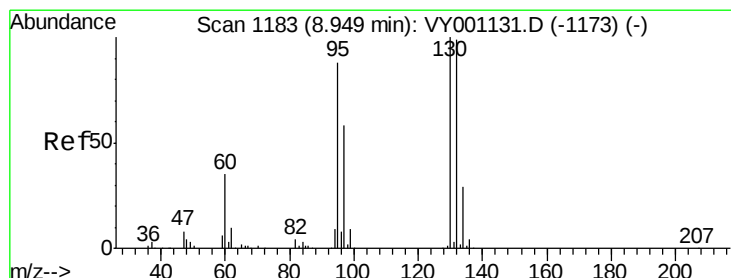
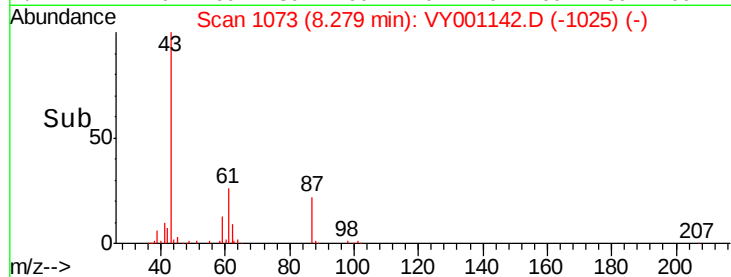
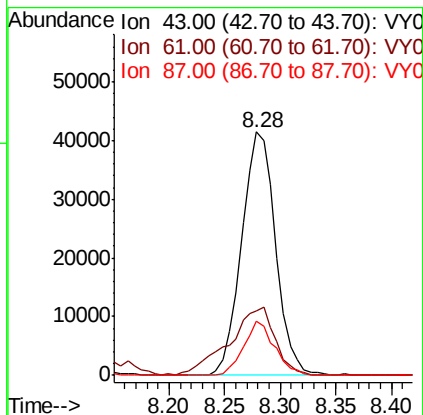
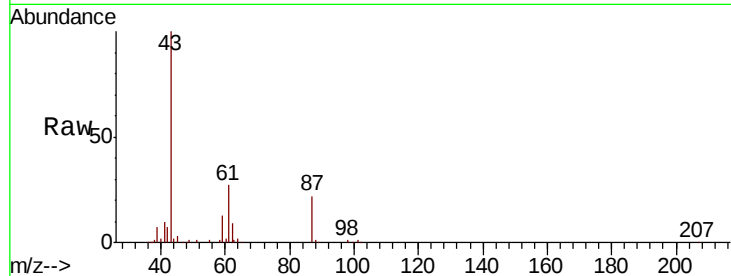
ClientSampleId :

VY0102SBSD01

Tot Ion:	43	Resp:	88213
Ion	Ratio	Lower	Upper
43	100		
61	37.7	29.1	43.7
87	20.2	15.4	23.2

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#44

Trichloroethene

Concen: 21.061 ug/l

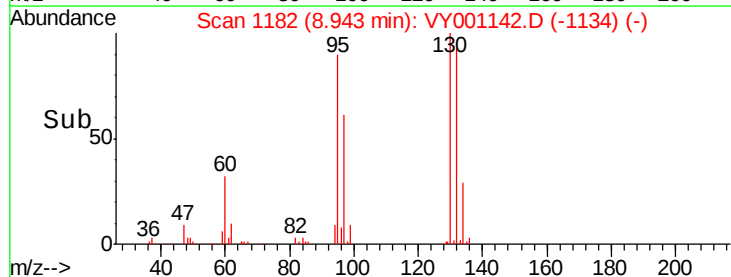
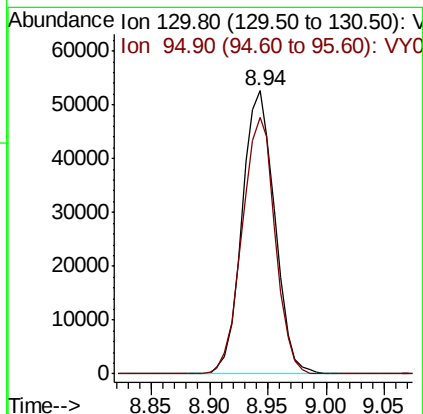
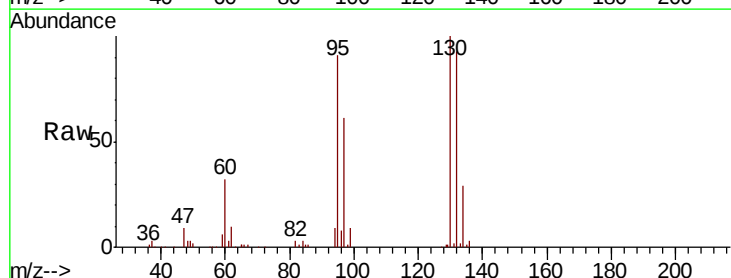
RT: 8.94 min Scan# 1182

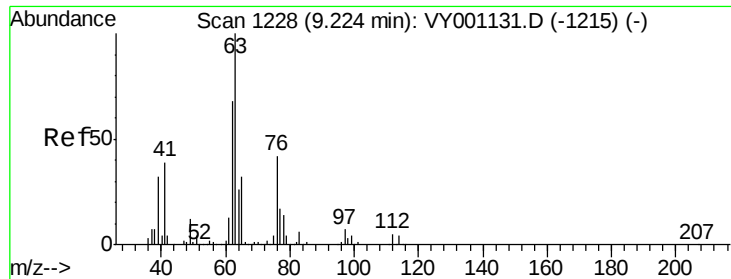
Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	130	Resp:	103084
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	176.8





#45

1,2-Dichloropropane

Concen: 21.026 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 63 Resp: 76395

Ion Ratio Lower Upper

63 100

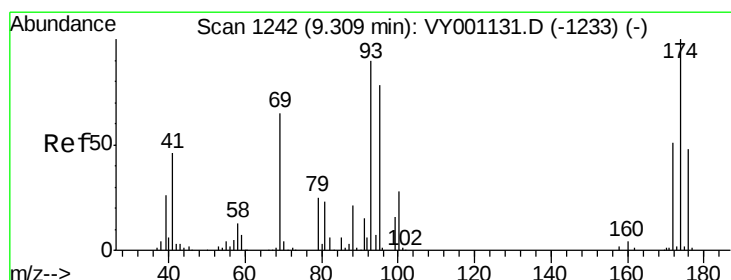
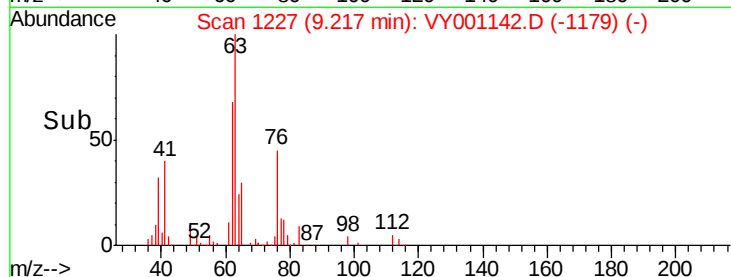
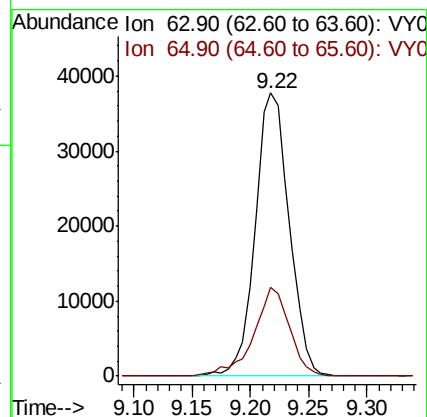
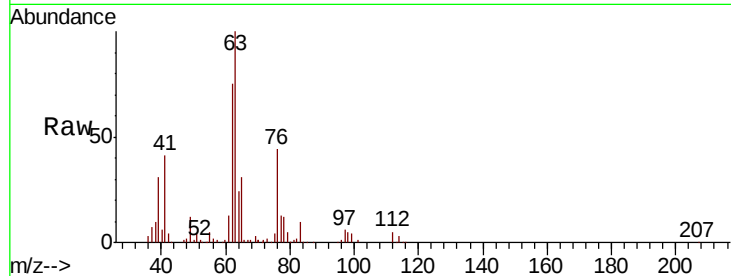
65 31.3 25.6 38.4

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#46

Dibromomethane

Concen: 20.983 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

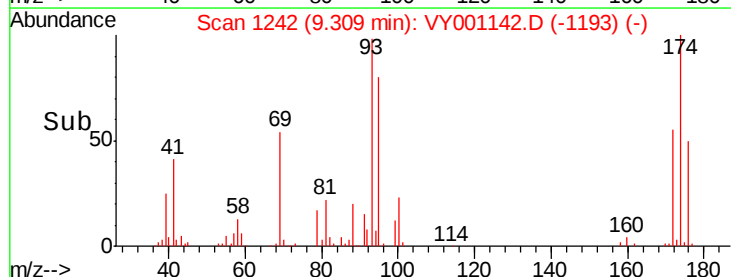
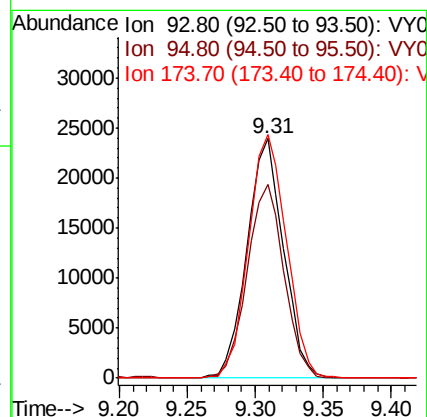
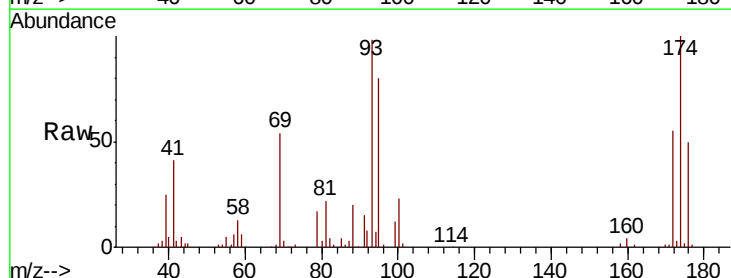
Tgt Ion: 93 Resp: 44905

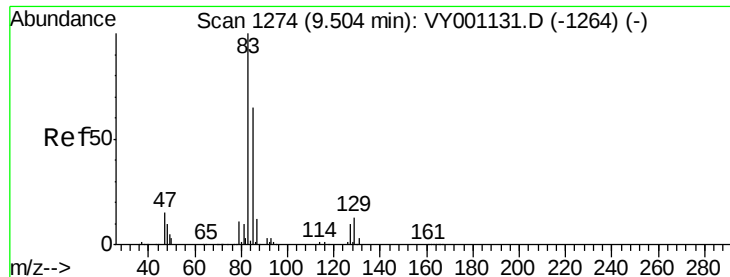
Ion Ratio Lower Upper

93 100

95 81.7 68.7 103.1

174 106.0 88.0 132.0





#47

Bromodichloromethane

Concen: 21.053 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

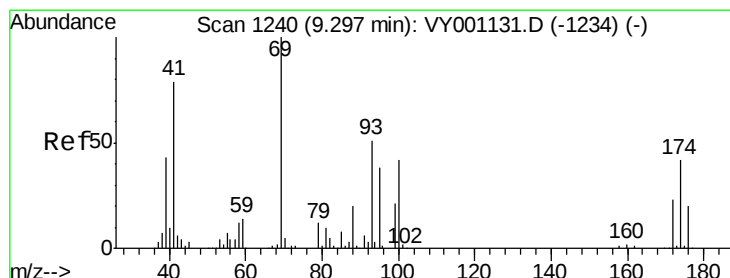
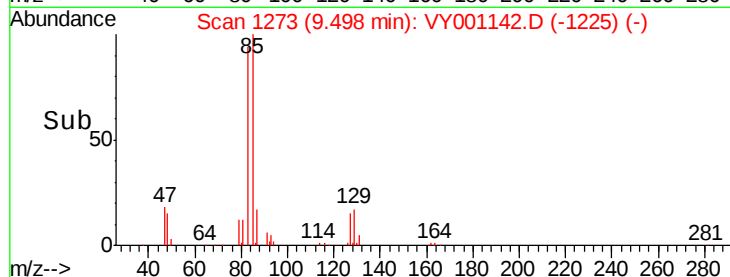
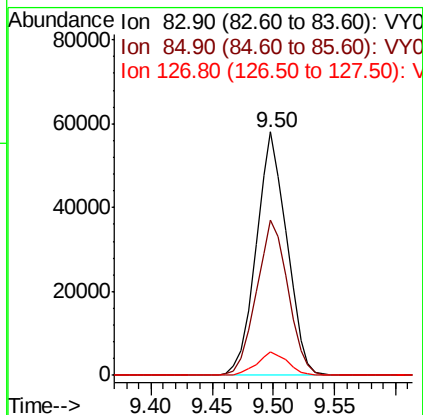
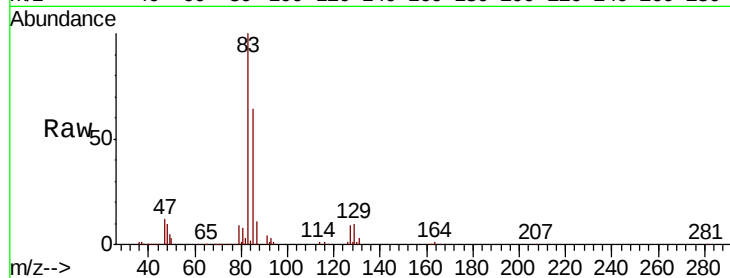
ClientSampleId :

VY0102SBSD01

Tot Ion:	83	Resp:	101365
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5
127	9.5	7.6	11.4

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#48

Methyl methacrylate

Concen: 19.630 ug/l

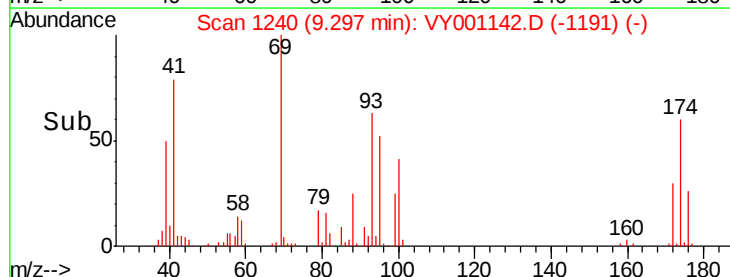
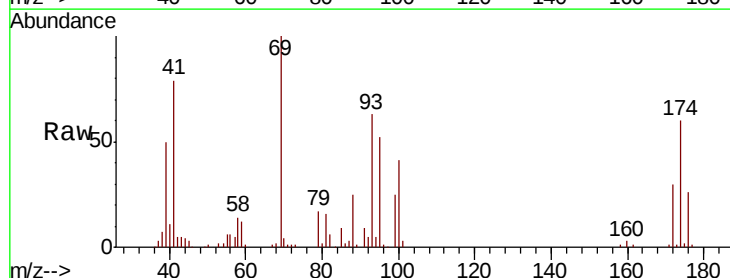
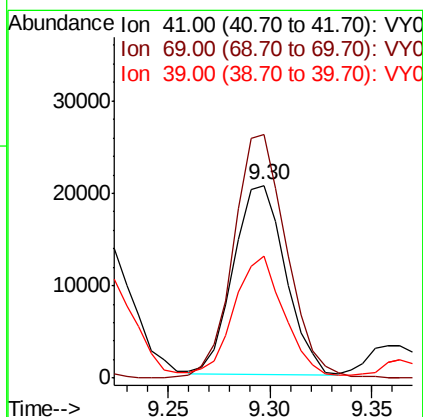
RT: 9.30 min Scan# 1240

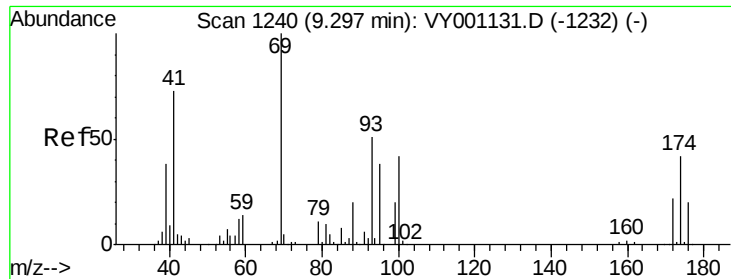
Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	41	Resp:	36314
Ion	Ratio	Lower	Upper
41	100		
69	131.5	100.3	150.5
39	64.0	47.6	71.4





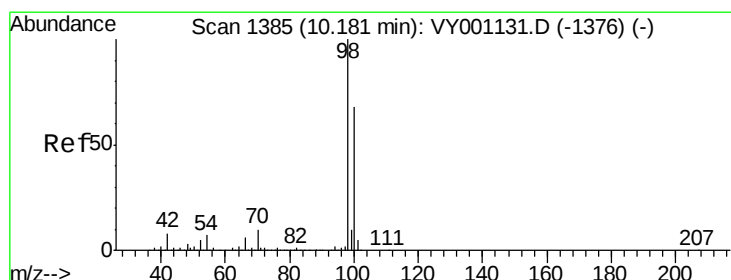
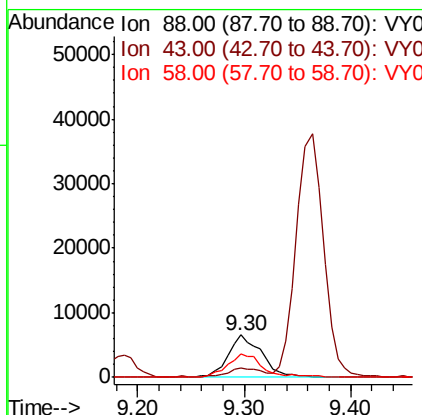
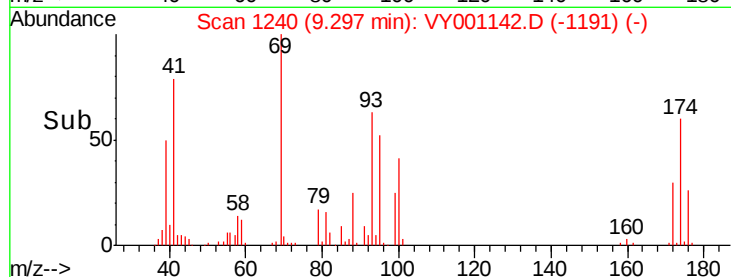
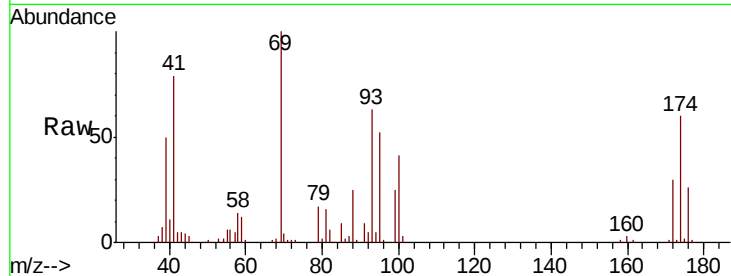
#49
1,4-Dioxane
Concen: 451.687 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	88	Resp	14539
Ion Ratio	100	Lower	Upper
88	100		
43	21.0	19.0	28.4
58	55.4	48.2	72.4

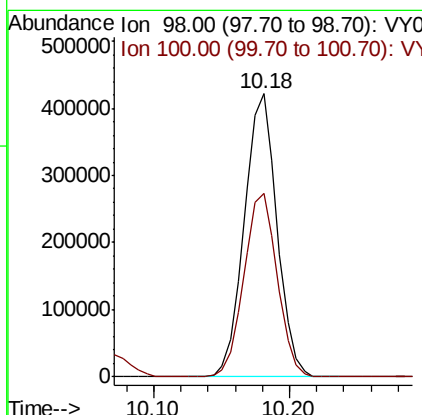
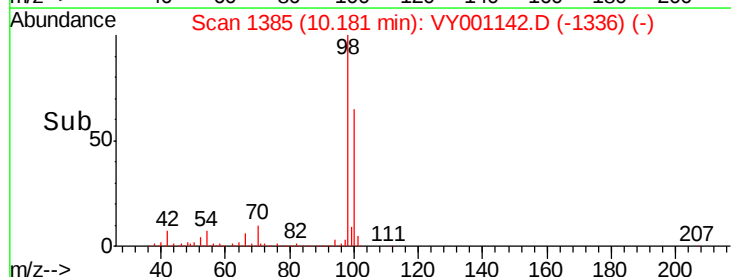
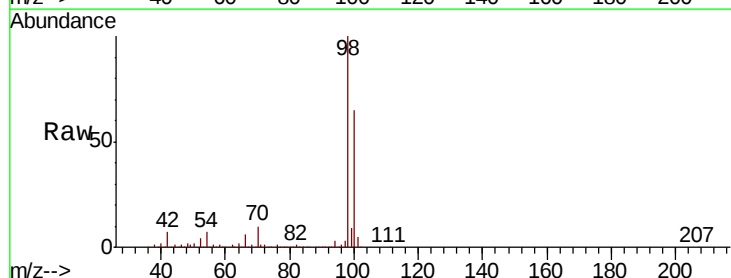
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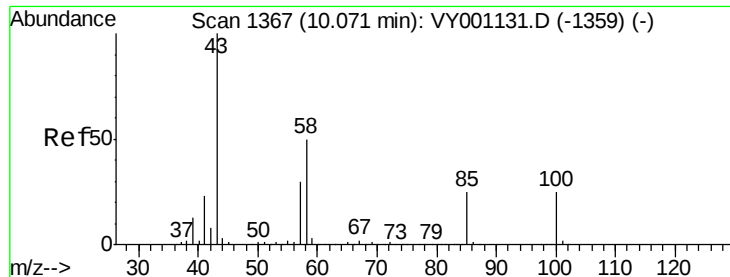
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#50
Toluene-d8
Concen: 55.902 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	98	Resp	707809
Ion Ratio	100	Lower	Upper
98	100		
100	66.2	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 112.260 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion: 43 Resp: 229899

Ion Ratio Lower Upper

43 100

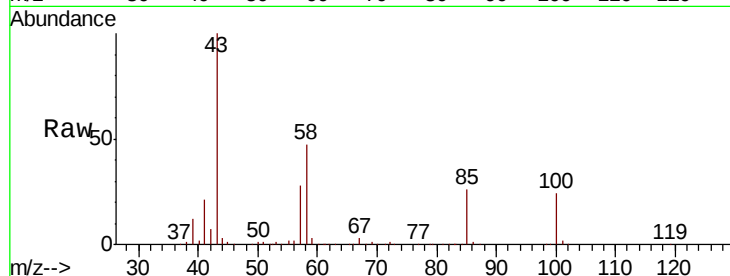
58 47.9 39.1 58.7

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

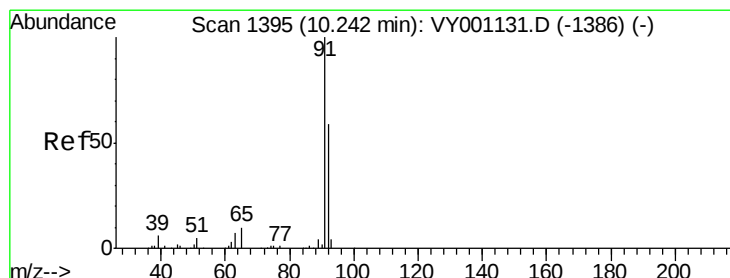
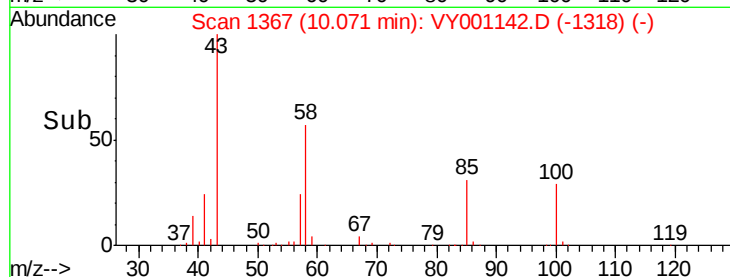
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.628 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001142.D

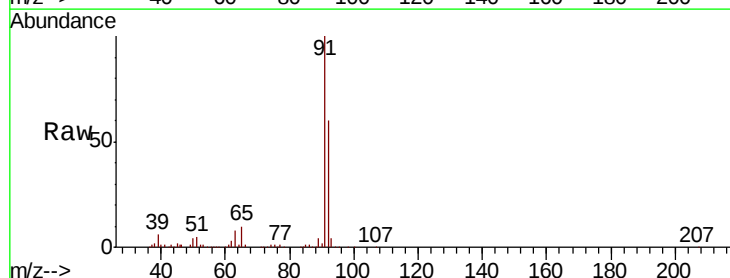
Acq: 02 Jan 2020 18:15

Tgt Ion: 92 Resp: 215480

Ion Ratio Lower Upper

92 100

91 170.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

250000

200000

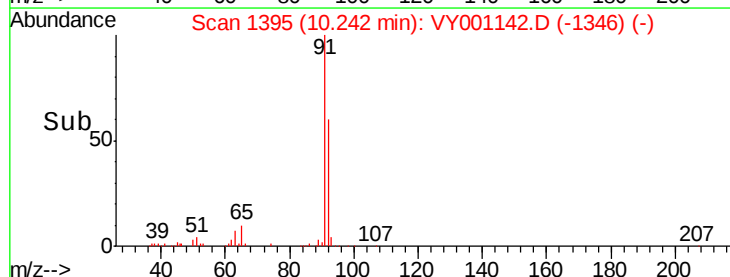
150000

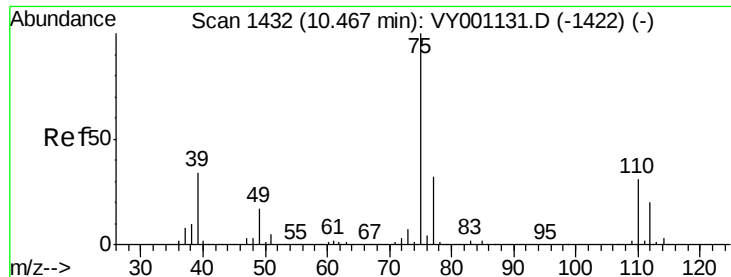
100000

50000

0

Time-->





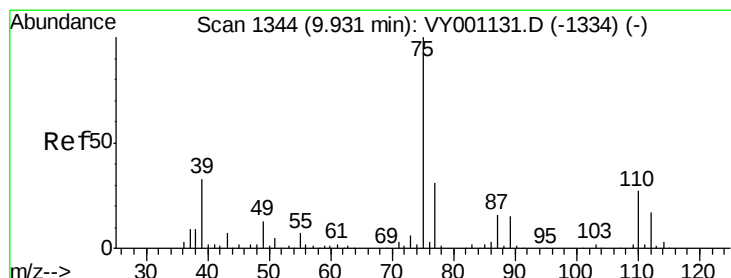
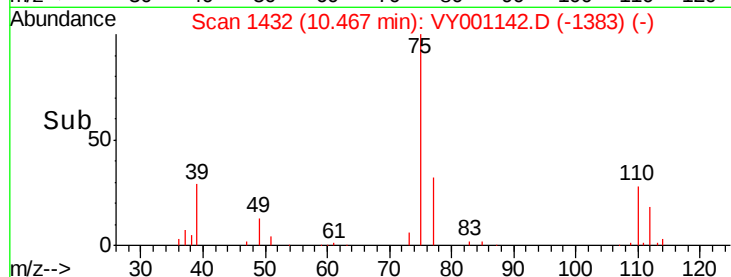
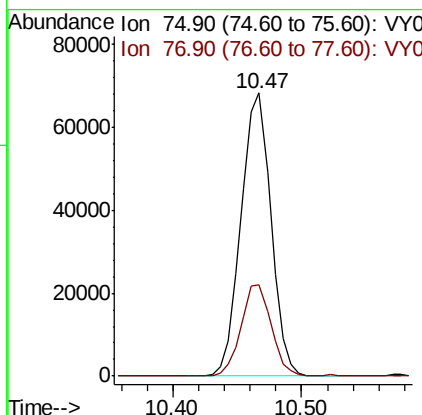
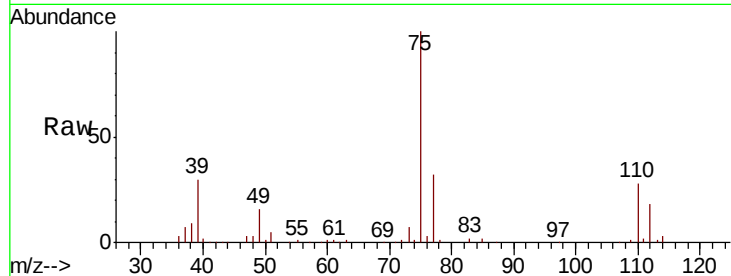
#53
t-1,3-Dichloropropene
Concen: 21.792 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion: 75 Resp: 109604
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5

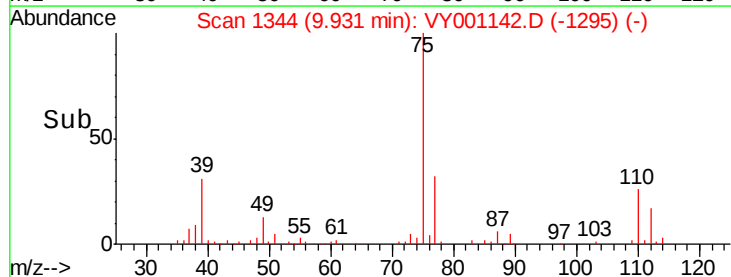
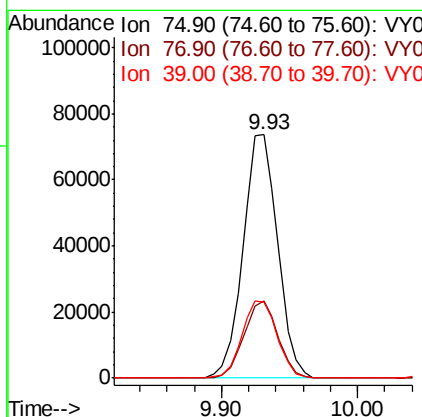
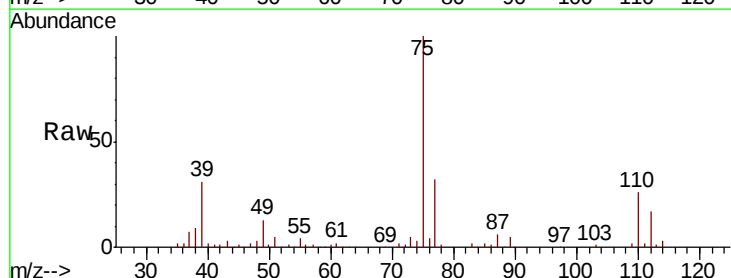
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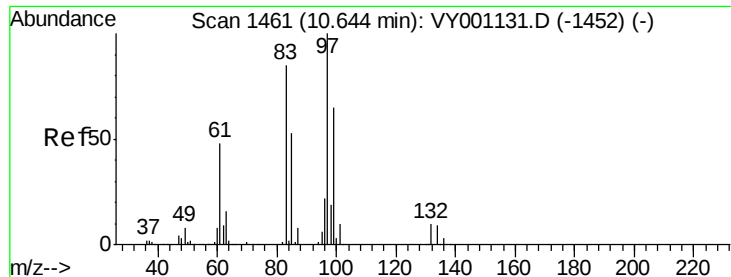
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#54
cis-1,3-Dichloropropene
Concen: 22.123 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion: 75 Resp: 130711
Ion Ratio Lower Upper
75 100
77 32.0 24.6 37.0
39 31.2 26.2 39.4





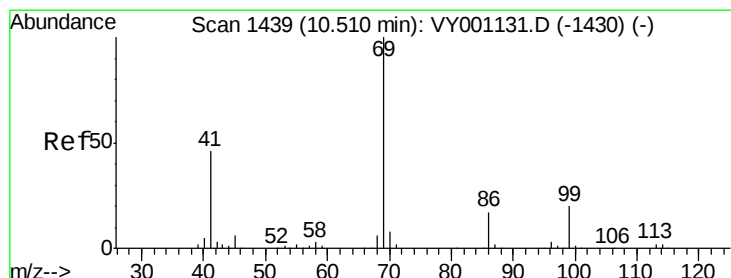
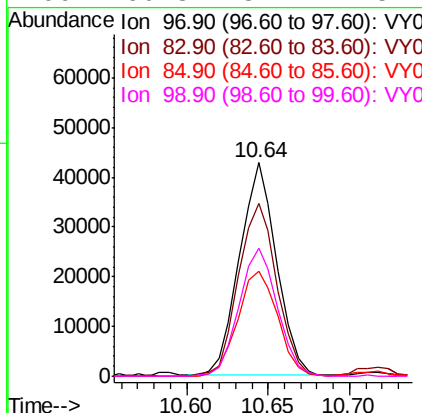
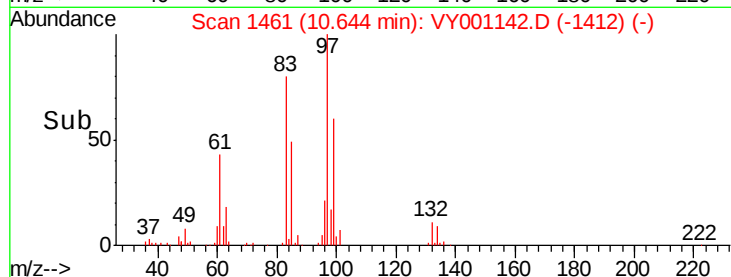
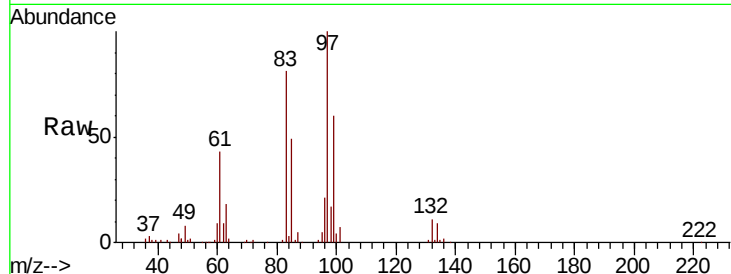
#55
 1,1,2-Trichloroethane
 Concen: 21.870 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.7	101.5
85	49.4	42.7	64.1
99	60.3	52.2	78.2

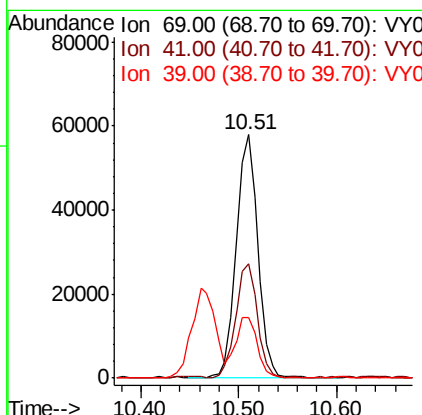
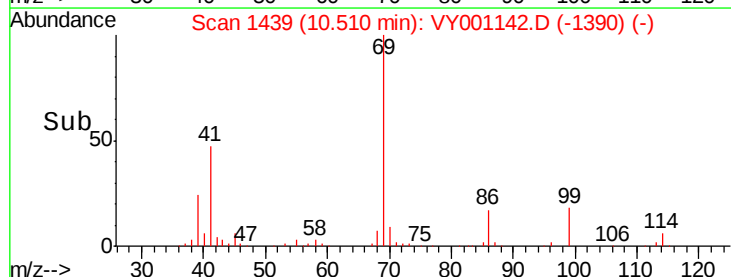
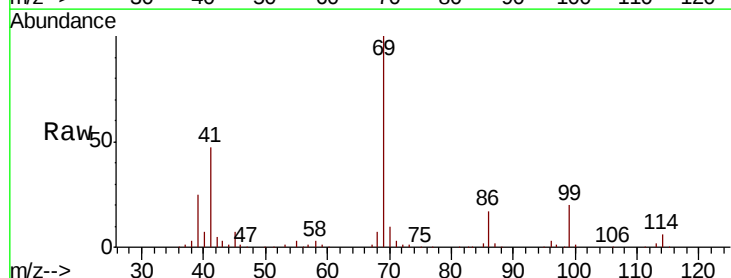
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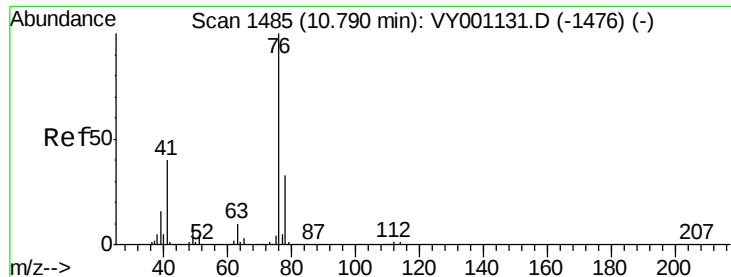
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#56
 Ethyl methacrylate
 Concen: 22.321 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	47.2	37.5	56.3
39	25.5	19.0	28.6





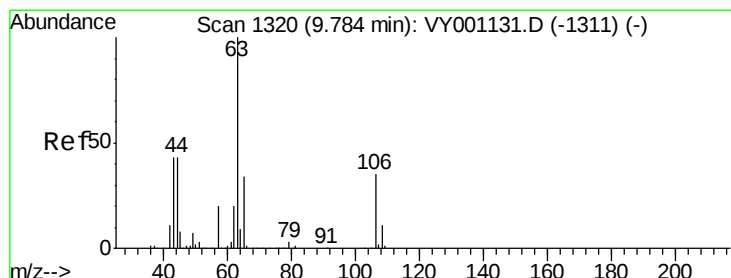
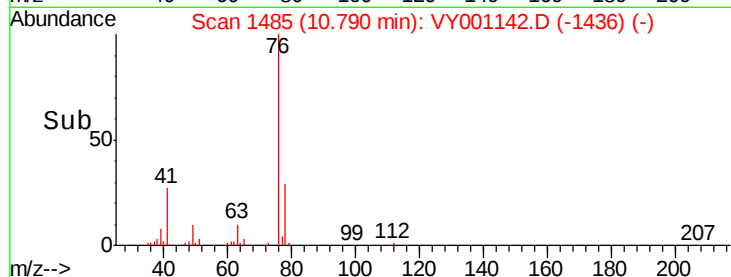
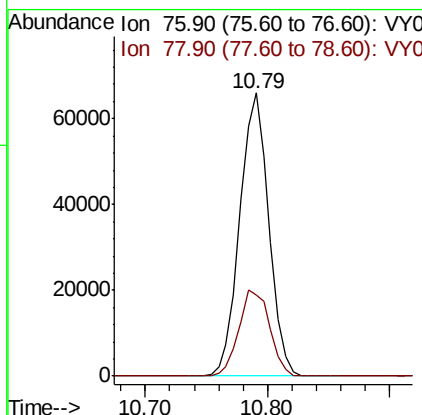
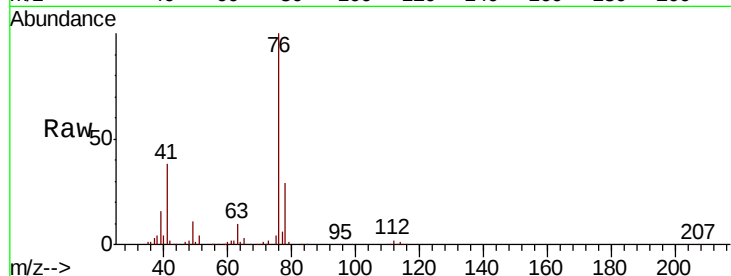
#57
 1,3-Dichloropropane
 Concen: 22.417 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampled :
 VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2

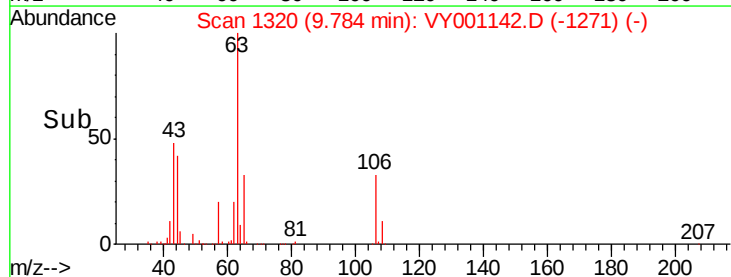
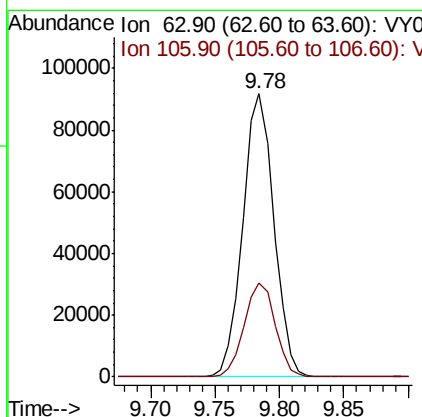
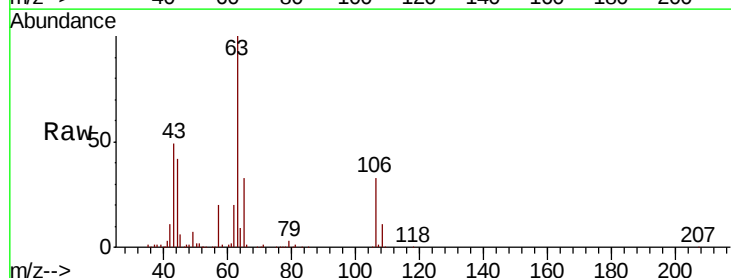
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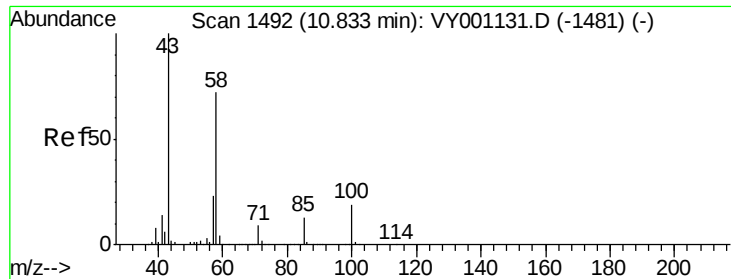
apatel
 1/3/2020 11:13:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.288 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.2	28.0	42.0





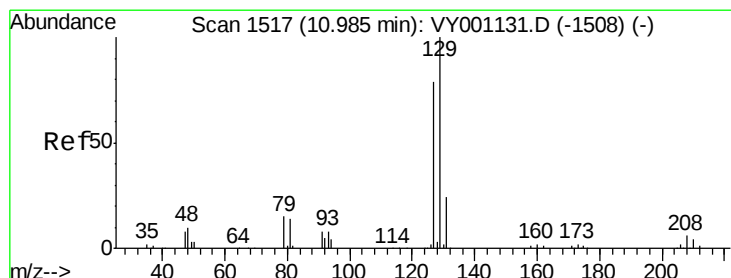
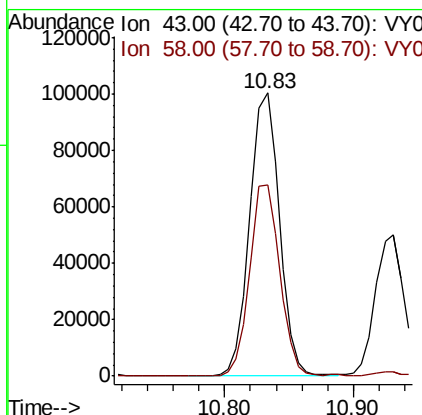
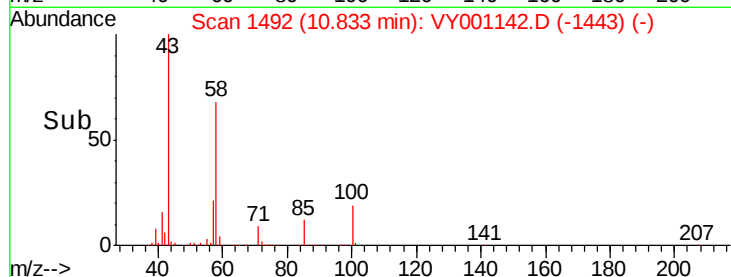
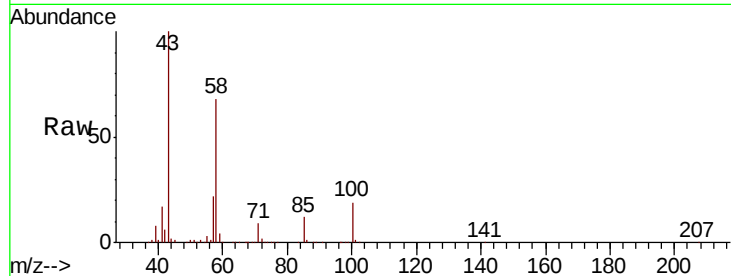
#59
2-Hexanone
Concen: 115.783 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	68.2	34.4	103.3

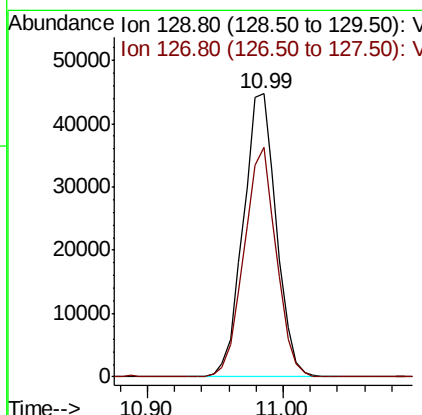
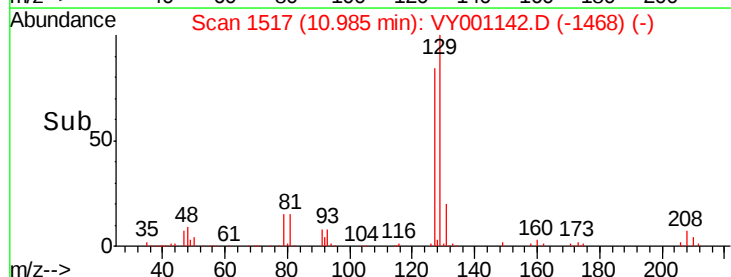
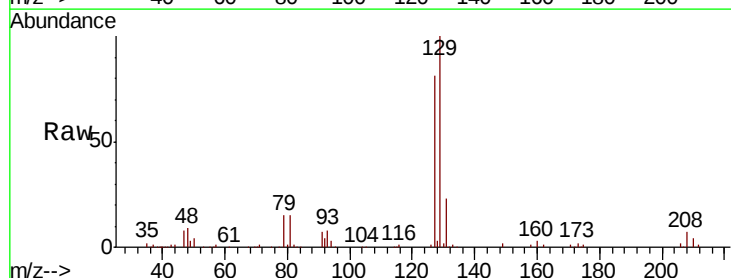
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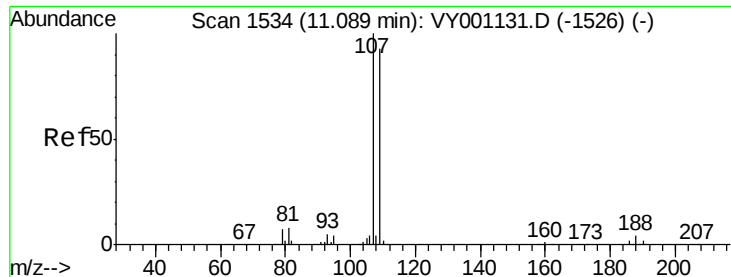
apatel
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#60
Dibromochloromethane
Concen: 21.445 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.1	38.5	115.5





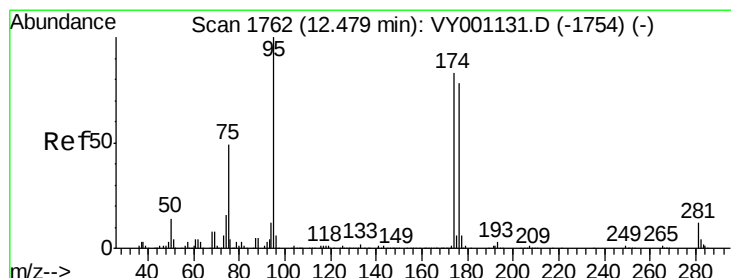
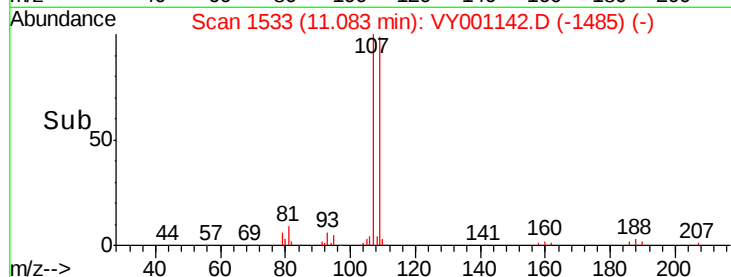
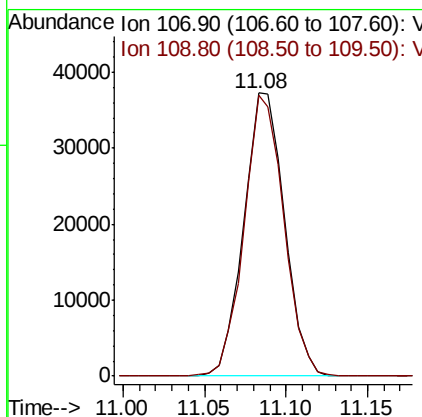
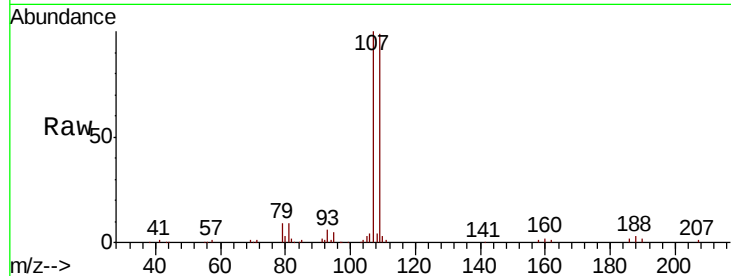
#61
 1,2-Dibromoethane
 Concen: 21.451 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion: 107 Resp: 64525
 Ion Ratio Lower Upper
 107 100
 109 96.9 75.4 113.2

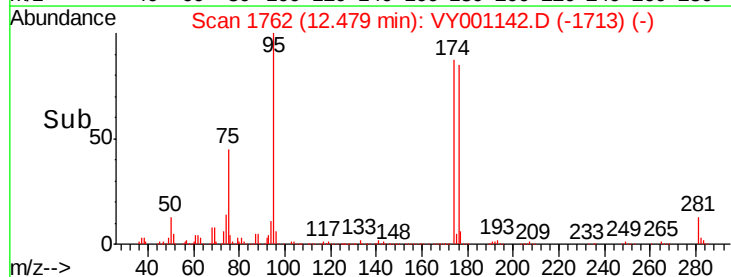
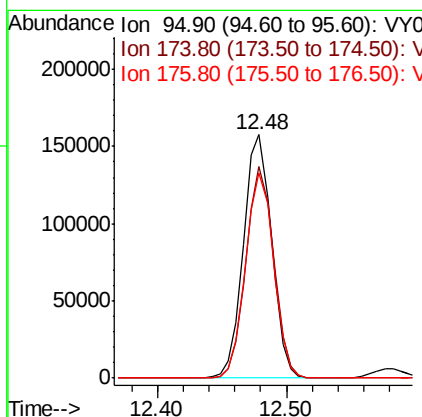
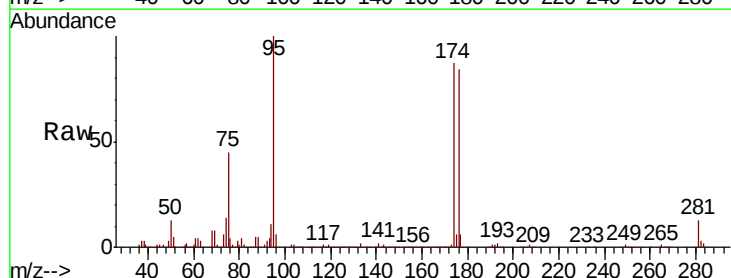
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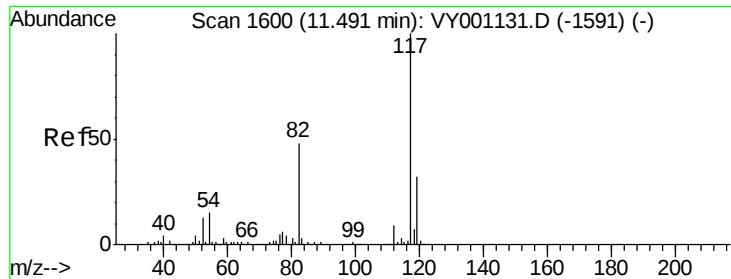
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#62
 4-Bromofluorobenzene
 Concen: 49.396 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Tgt Ion: 95 Resp: 237855
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 171.8
 176 84.0 0.0 163.6





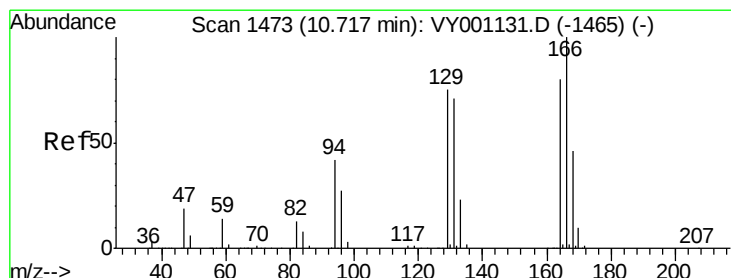
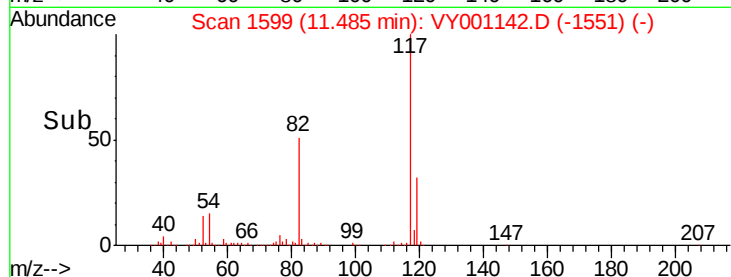
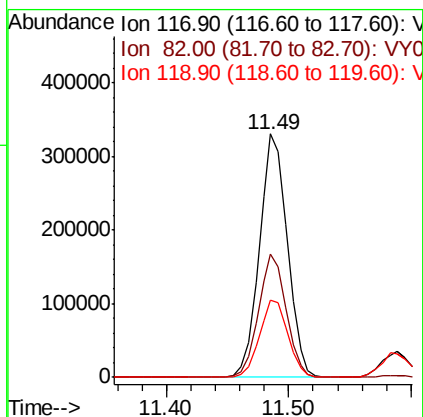
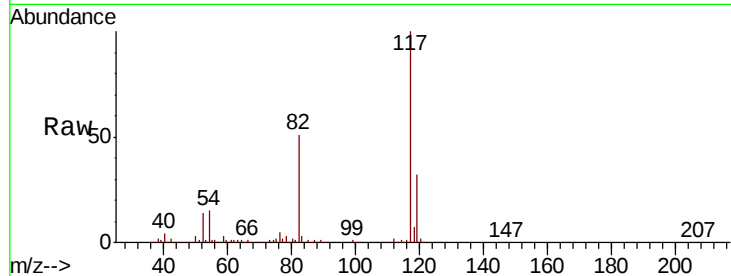
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	525956		
82	50.8		38.5	57.7
119	31.6		25.9	38.9

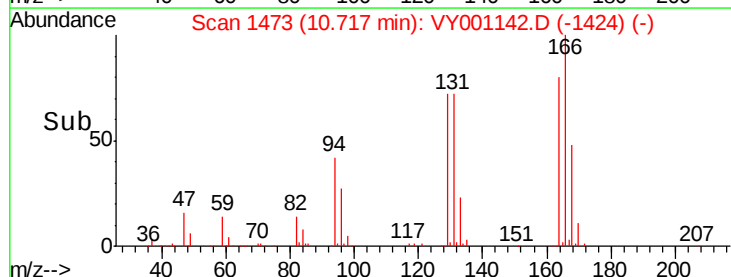
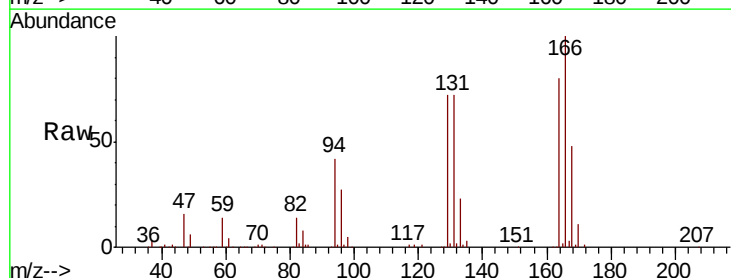
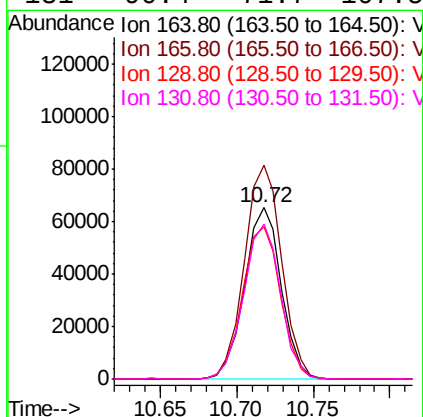
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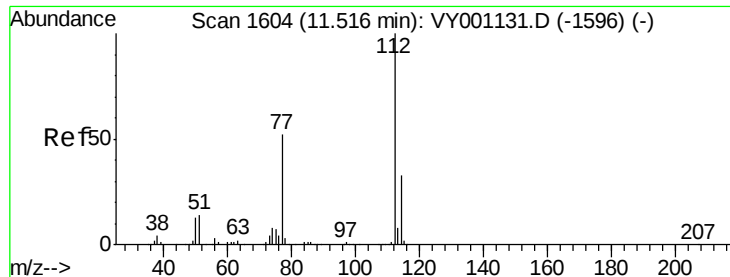
apatel
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#64
Tetrachloroethene
Concen: 21.960 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108379		
166	125.0		100.6	151.0
129	89.5		75.0	112.4
131	90.4		71.7	107.5





#65

Chlorobenzene

Concen: 22.332 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion:112 Resp: 249804

Ion Ratio Lower Upper

112 100

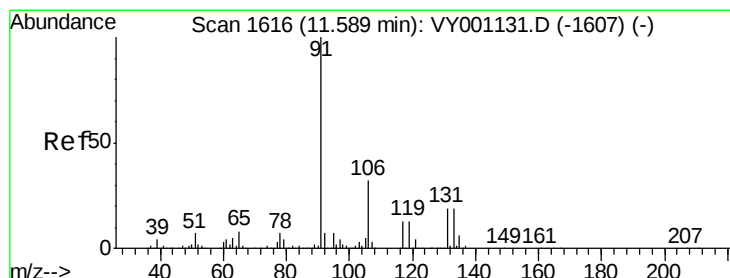
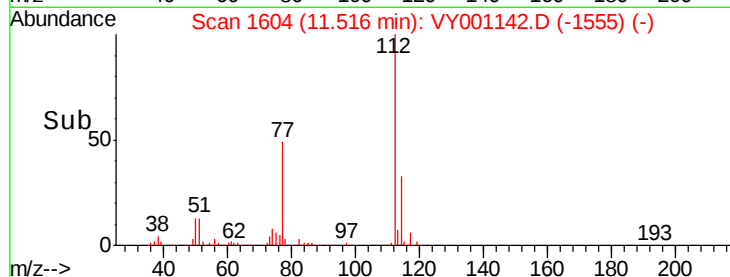
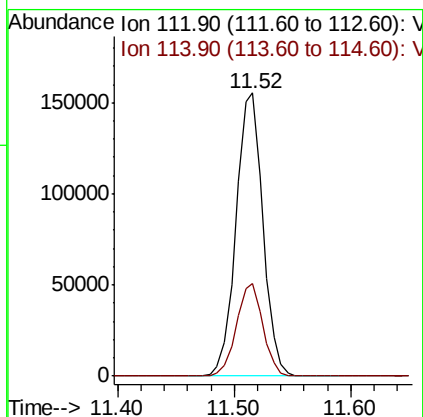
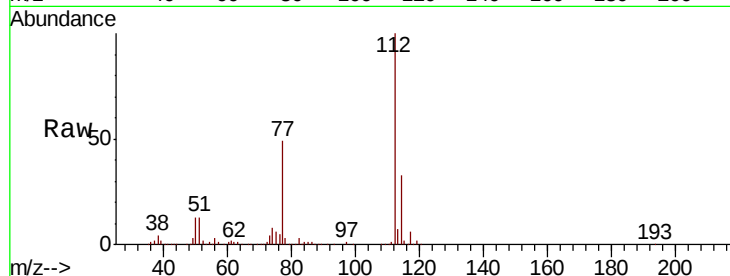
114 32.9 26.5 39.7

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.906 ug/l

RT: 11.58 min Scan# 1615

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

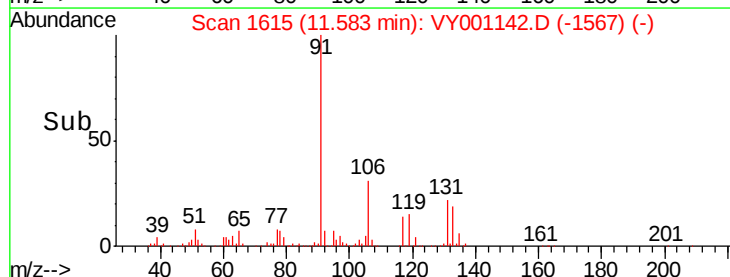
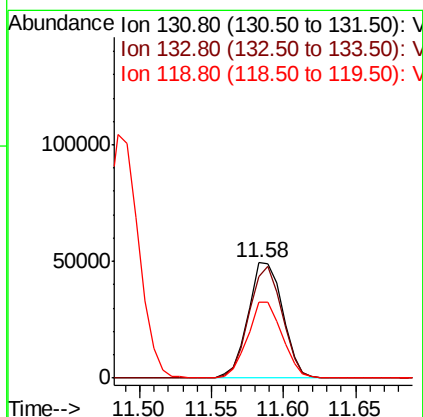
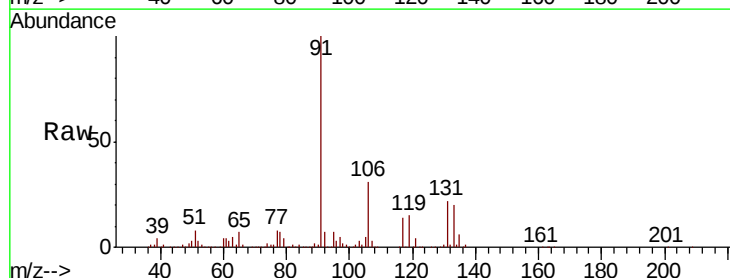
Tgt Ion:131 Resp: 82414

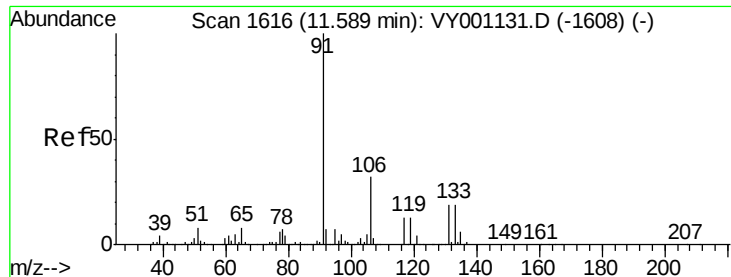
Ion Ratio Lower Upper

131 100

133 93.0 47.3 141.8

119 66.0 33.1 99.3





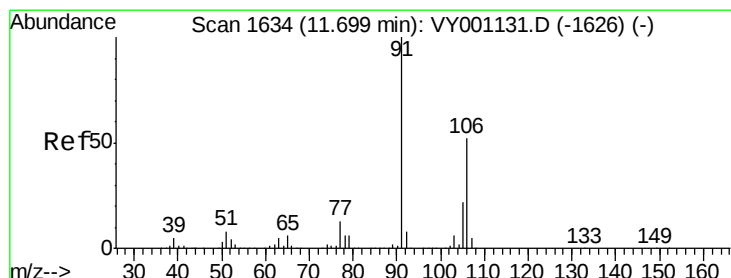
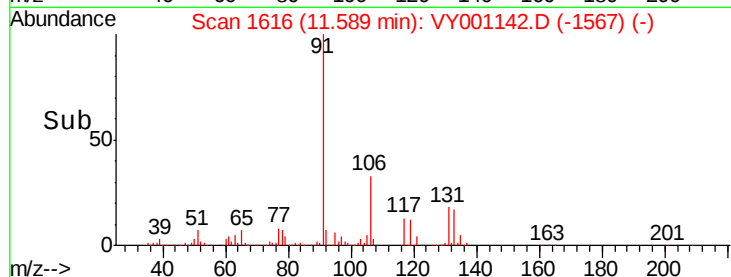
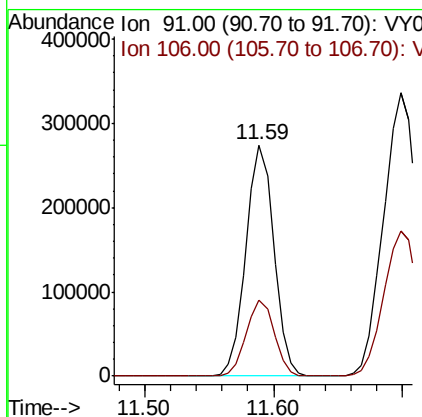
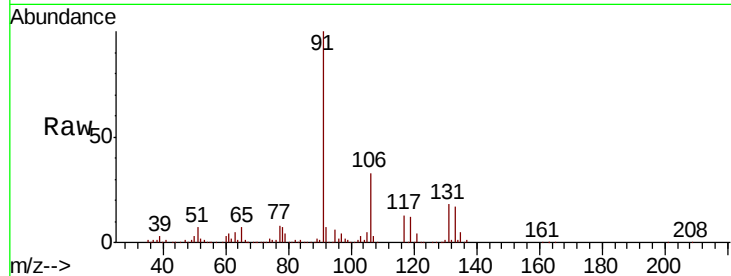
#67
Ethyl Benzene
Concen: 21.101 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.9	38.9

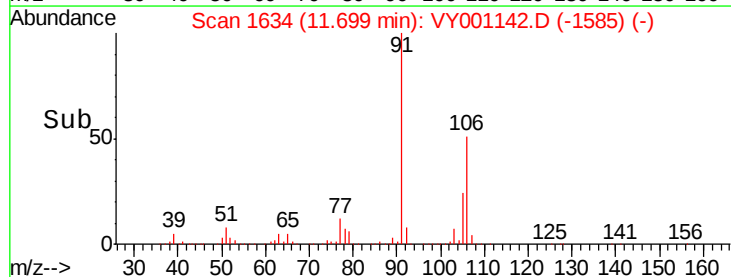
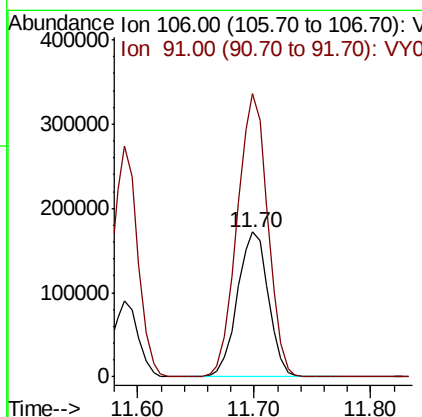
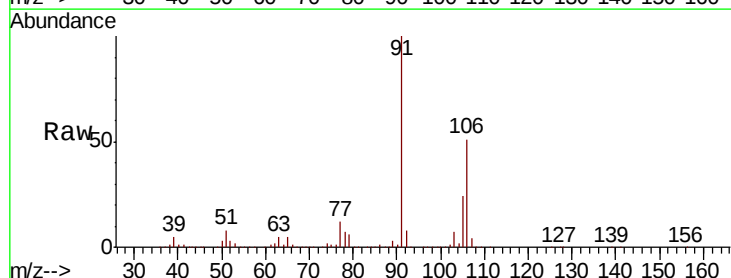
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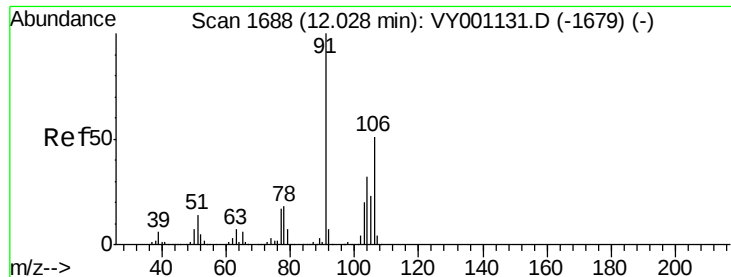
apatel
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#68
m/p-Xylenes
Concen: 41.197 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.7	154.3	231.5





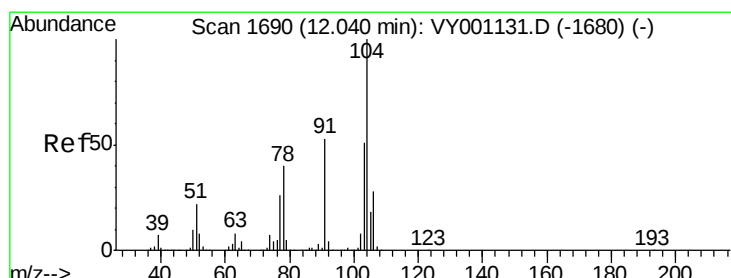
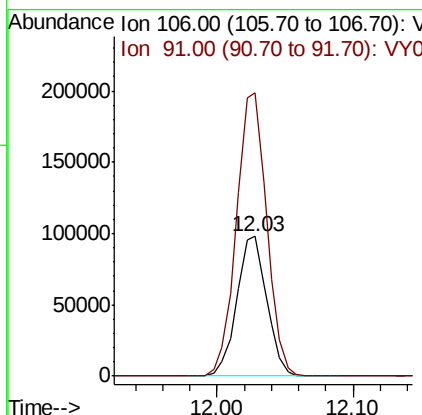
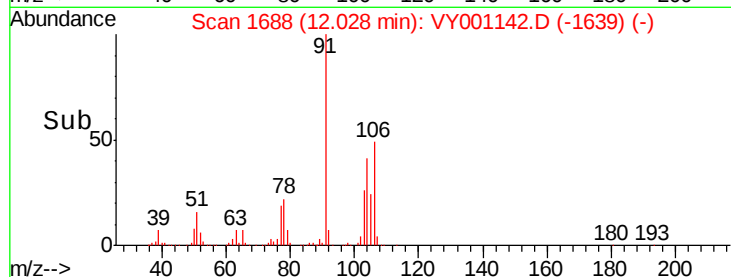
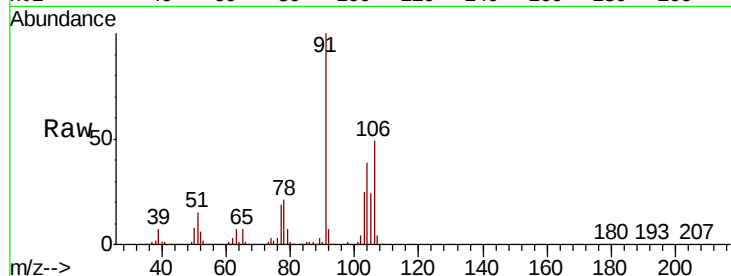
#69
o-Xylene
Concen: 20.497 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion:106 Resp: 149970
Ion Ratio Lower Upper
106 100
91 205.1 100.8 302.4

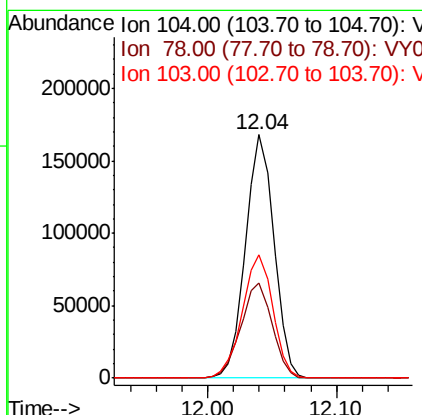
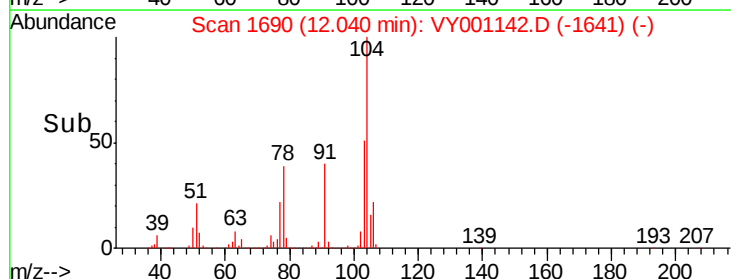
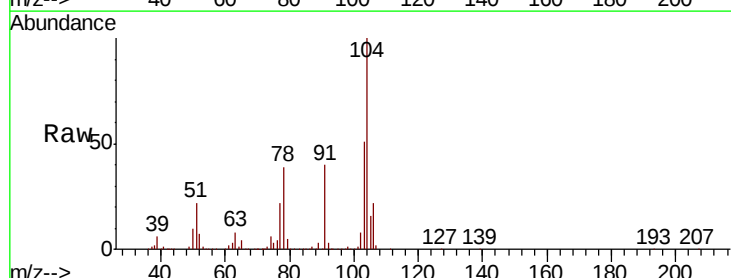
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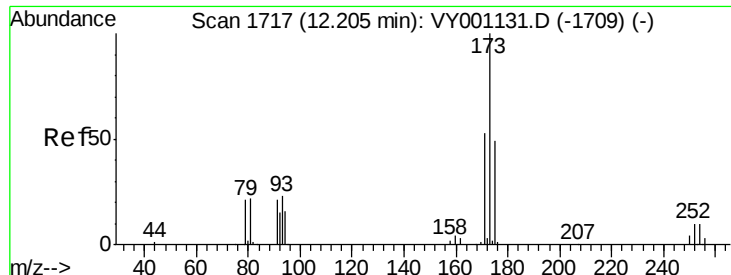
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#70
Styrene
Concen: 20.745 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion:104 Resp: 256901
Ion Ratio Lower Upper
104 100
78 43.1 34.7 52.1
103 54.5 42.6 64.0





#71

Bromoform

Concen: 19.704 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion:173 Resp: 45734

Ion Ratio Lower Upper

173 100

175 49.7 24.4 73.2

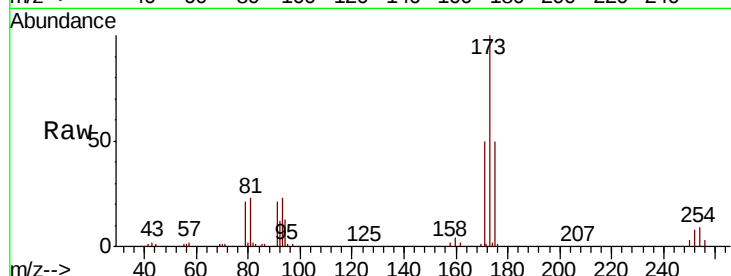
254 0.0 0.1 0.1#

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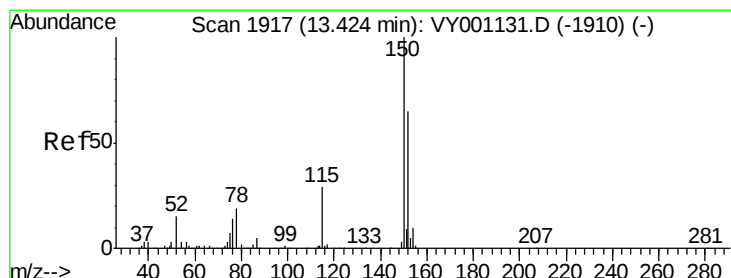
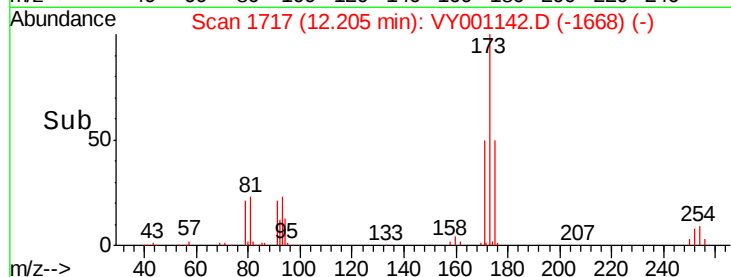
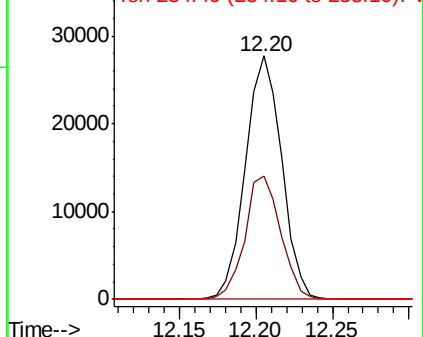
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

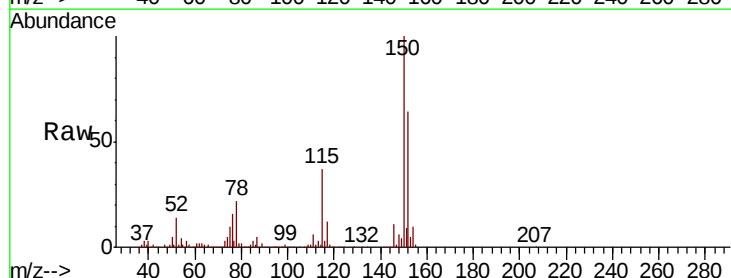
Tgt Ion:152 Resp: 249463

Ion Ratio Lower Upper

152 100

115 57.7 27.7 83.0

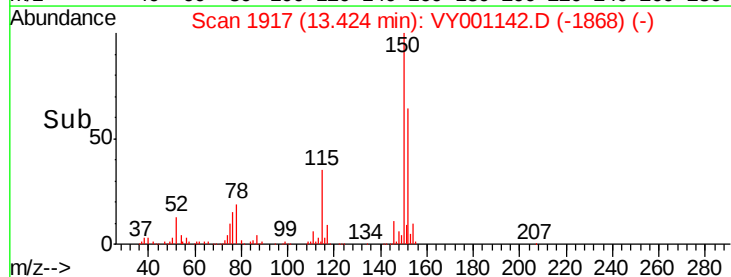
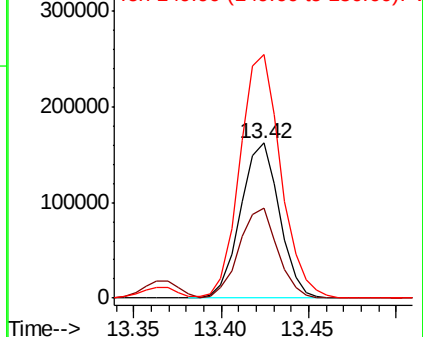
150 166.0 0.0 342.6

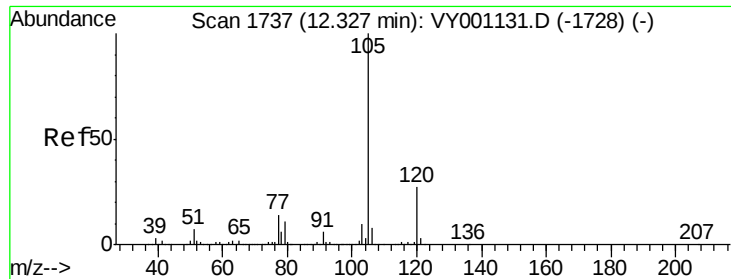


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.403 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0102SBSD01

Tot Ion:105 Resp: 402631

Ion Ratio Lower Upper

105 100

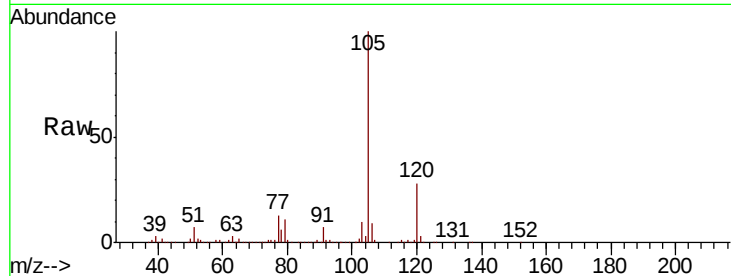
120 27.2 13.9 41.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

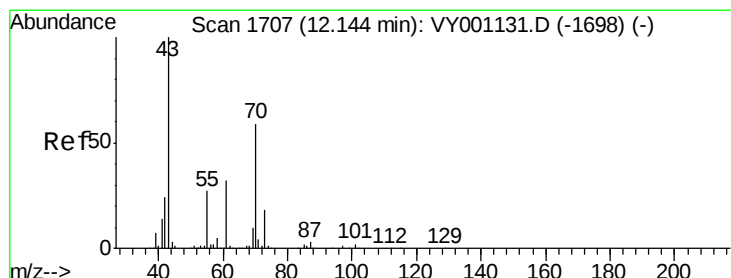
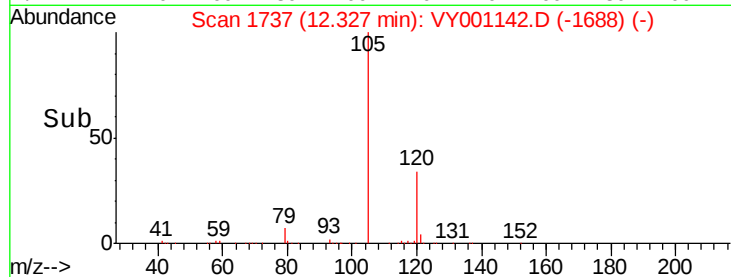
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.622 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion: 43 Resp: 77121

Ion Ratio Lower Upper

43 100

70 58.8 46.2 69.4

55 27.8 21.3 31.9

61 31.4 25.0 37.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

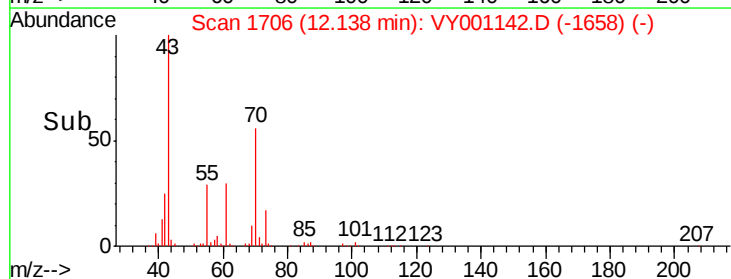
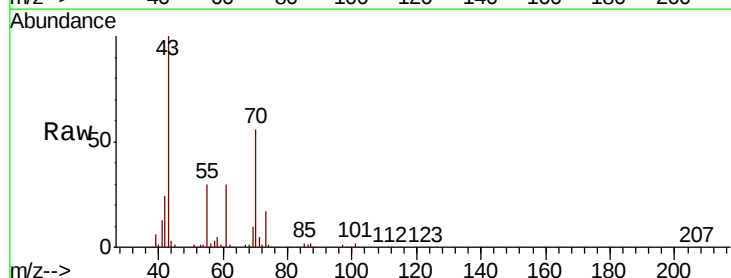
60000

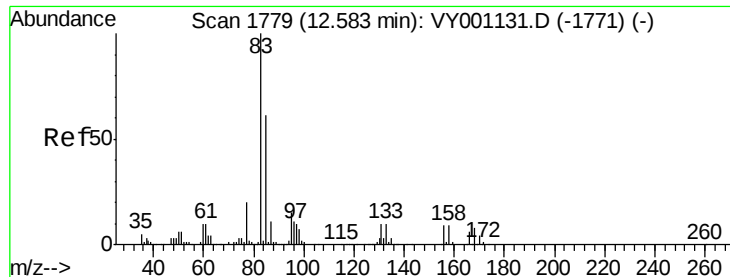
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.905 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

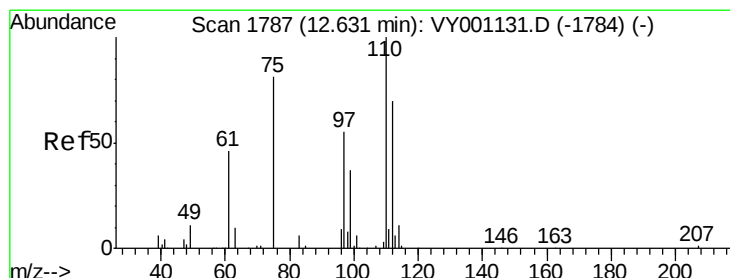
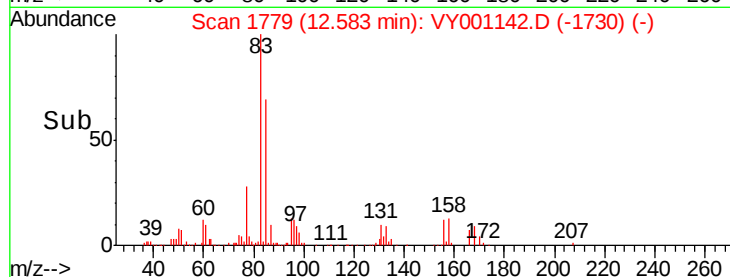
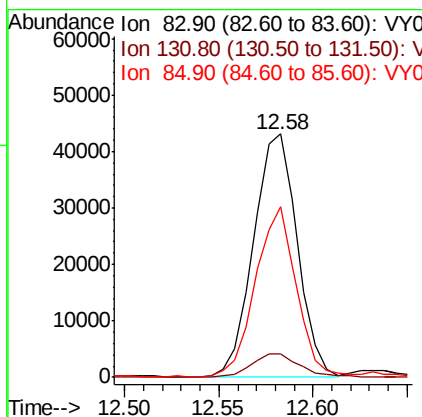
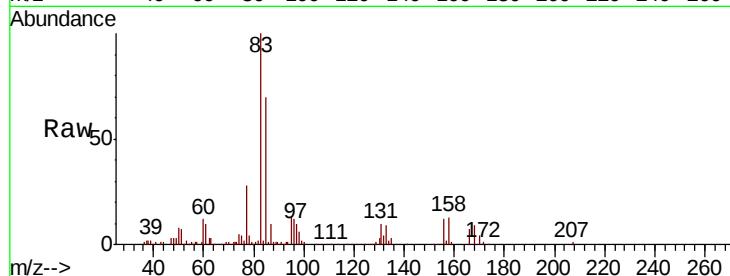
ClientSampleId :

VY0102SBSD01

Tot Ion:	83	Resp:	69503
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.7
85	65.8	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.481 ug/l m

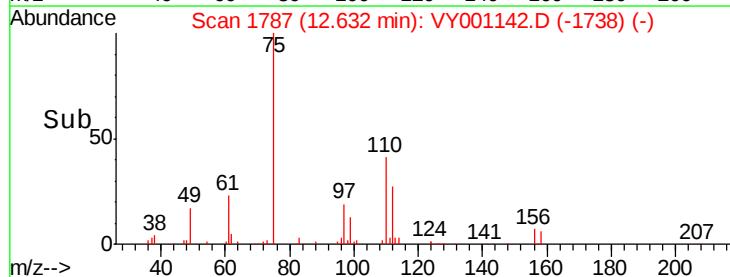
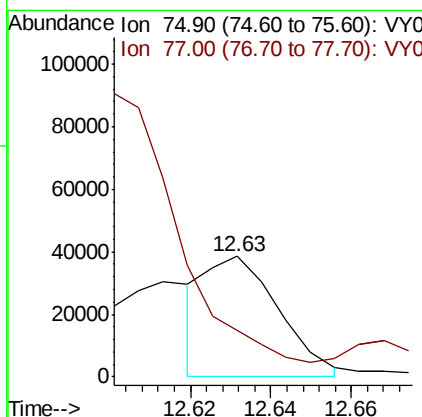
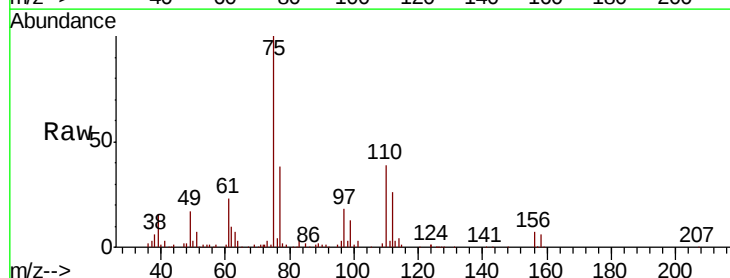
RT: 12.63 min Scan# 1787

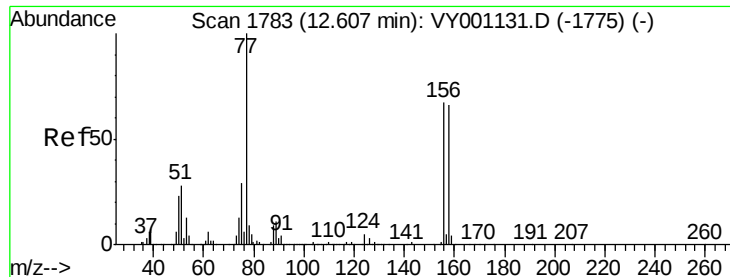
Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	75	Resp:	48768
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





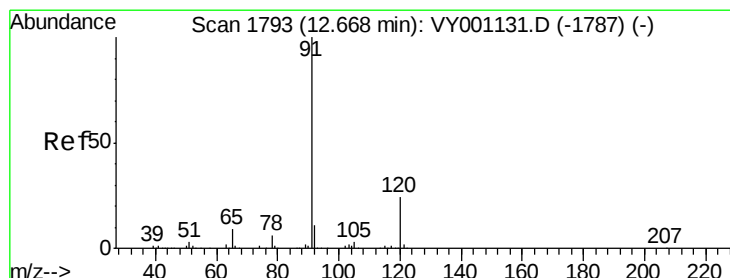
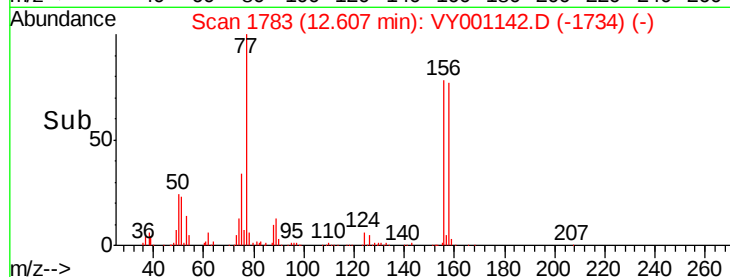
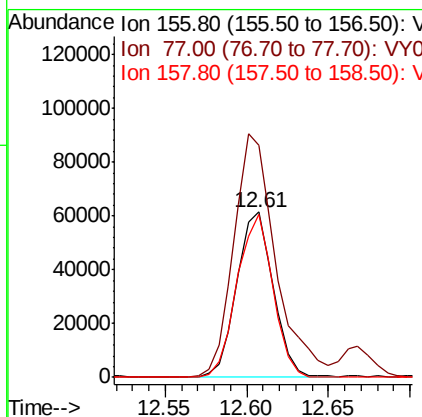
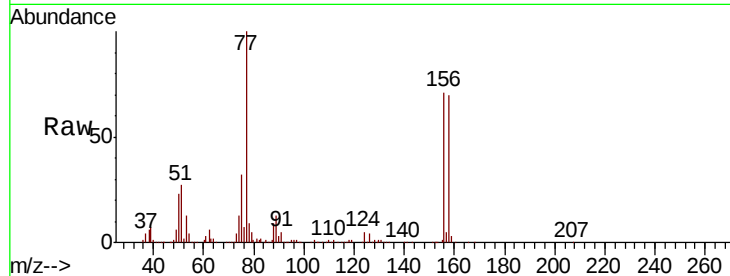
#77
Bromobenzene
Concen: 20.924 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	171.0	85.9	257.7
158	97.6	49.7	149.1

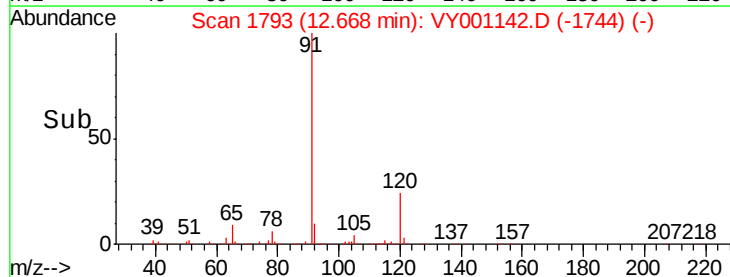
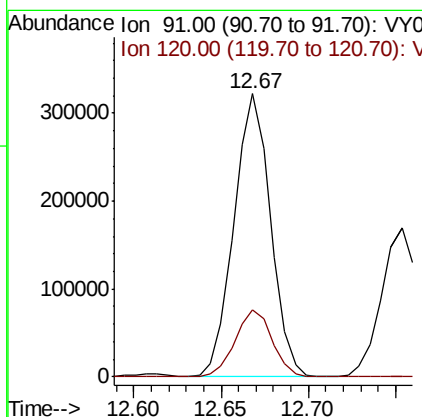
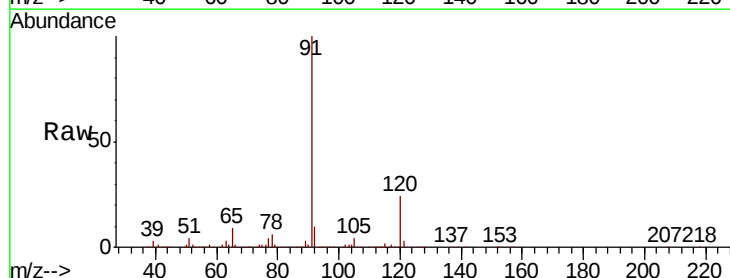
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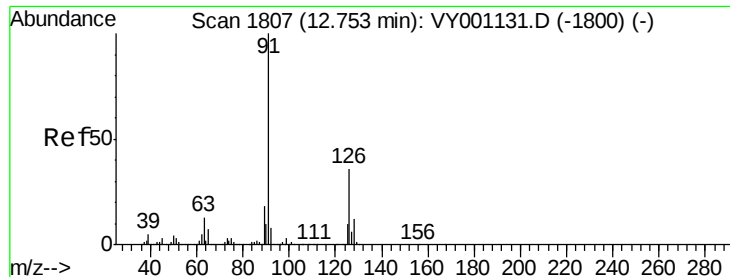
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#78
n-propylbenzene
Concen: 21.035 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.2	36.4





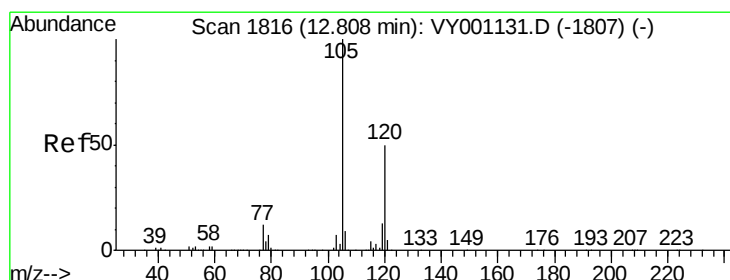
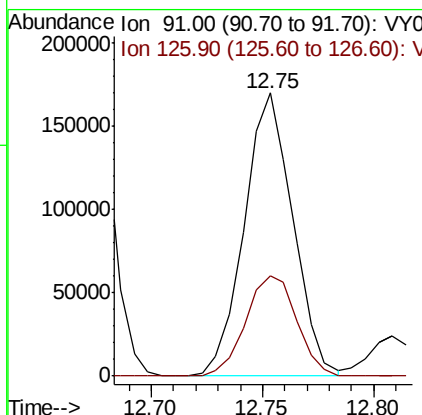
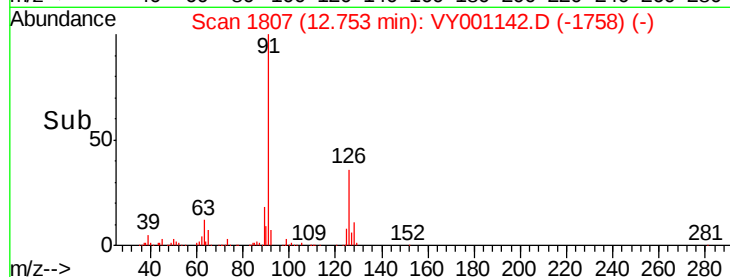
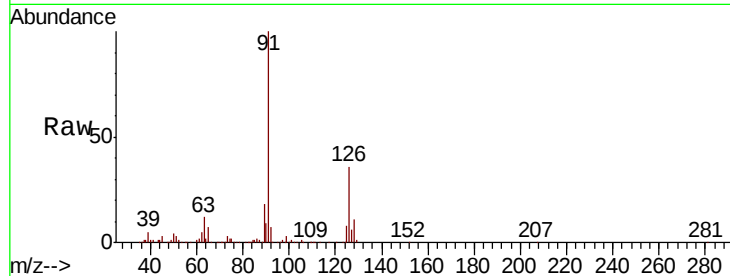
#79
 2-Chlorotoluene
 Concen: 20.856 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion: 91 Resp: 256732
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.3 54.8

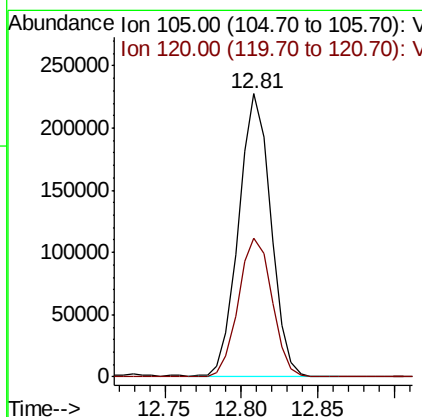
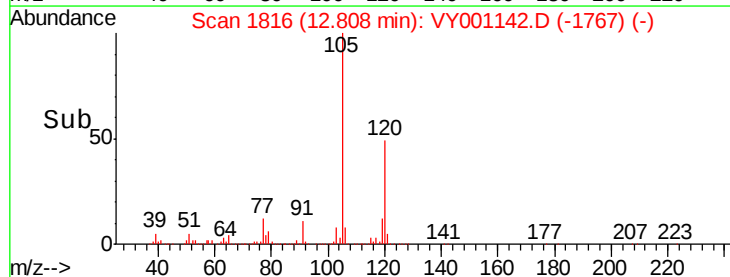
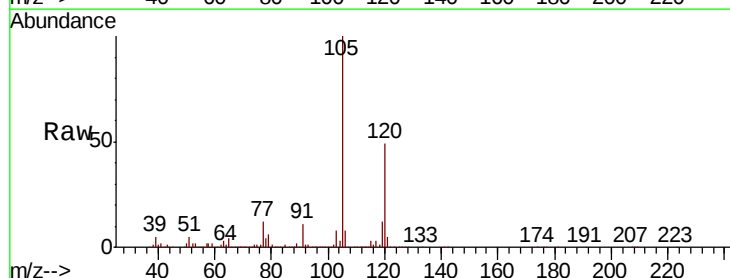
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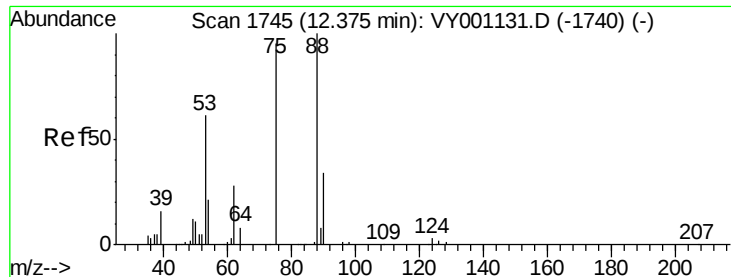
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.920 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Tgt Ion: 105 Resp: 332922
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 20.728 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

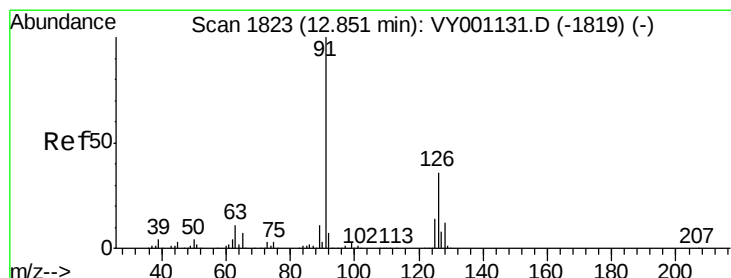
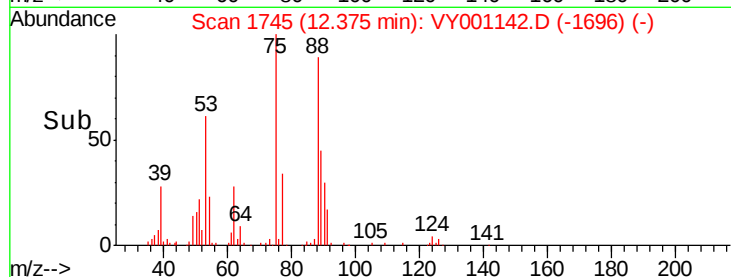
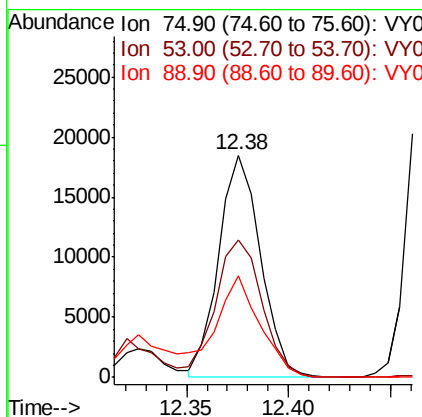
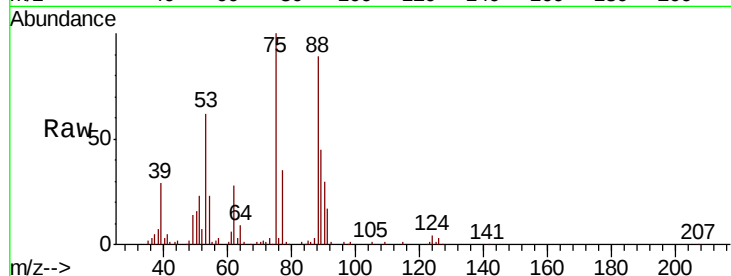
ClientSampleId :

VY0102SBSD01

Tot Ion:	75	Resp:	26385
Ion Ratio	Lower	Upper	
75	100		
53	69.1	55.6	83.4
89	49.8	34.7	52.1

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#82

4-Chlorotoluene

Concen: 21.315 ug/l

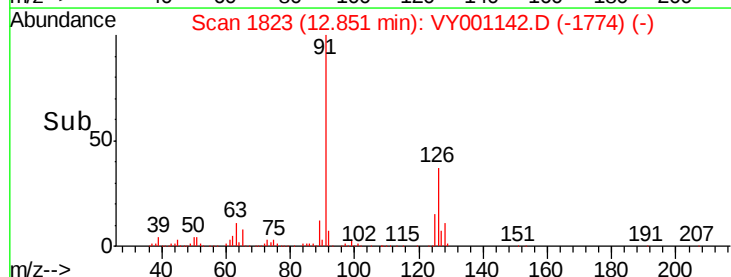
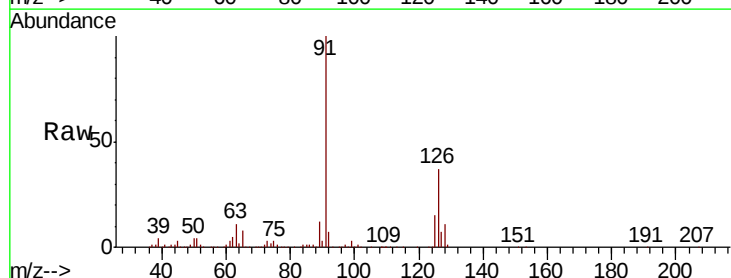
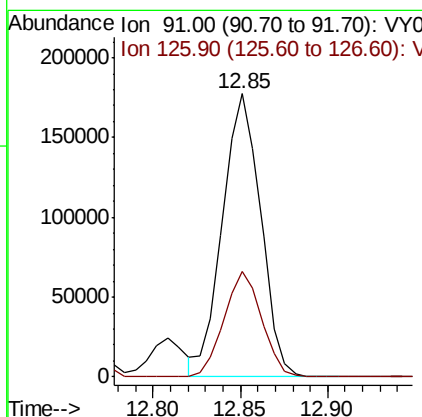
RT: 12.85 min Scan# 1823

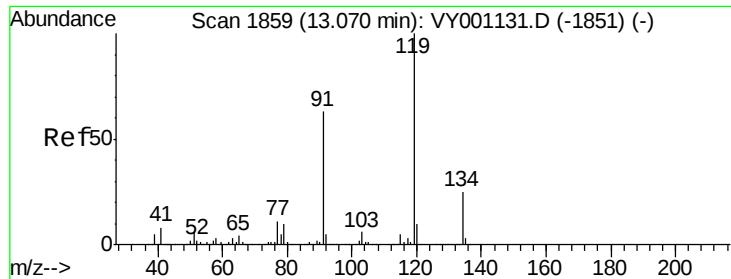
Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	91	Resp:	269690
Ion Ratio	Lower	Upper	
91	100		
126	36.6	18.6	56.0





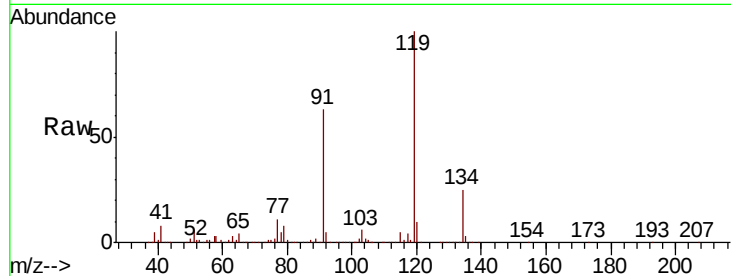
#83
tert-Butylbenzene
Concen: 21.464 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

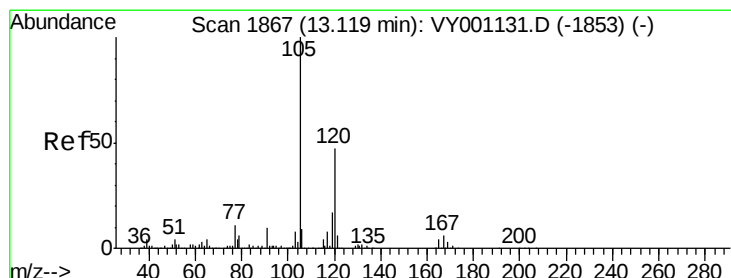
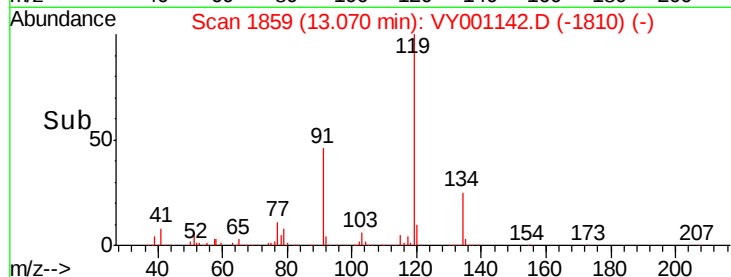
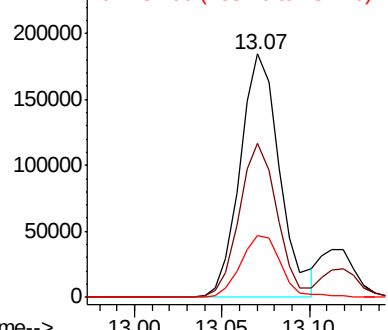
Tot Ion	Ratio	Resp	Lower	Upper
119	100	291050		
91	61.2	30.9	92.7	
134	26.1	13.2	39.5	

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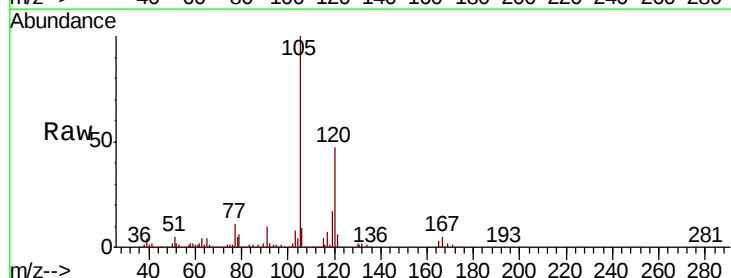


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

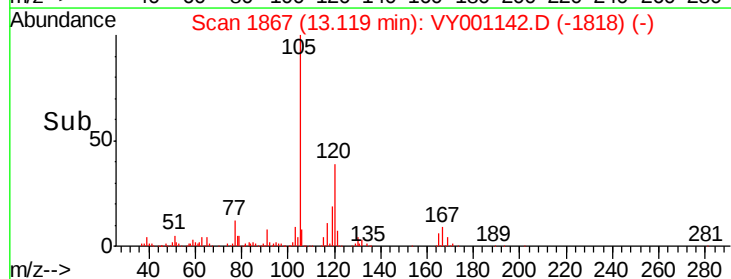
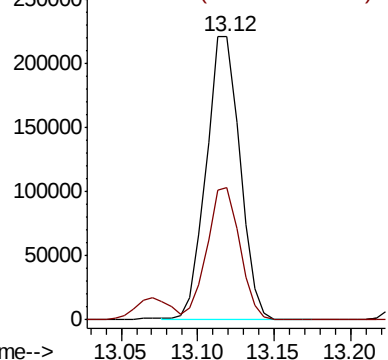


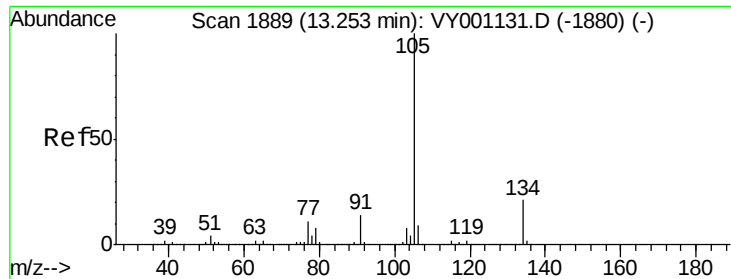
#84
1,2,4-Trimethylbenzene
Concen: 21.271 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	338924		
120	45.7	24.0	72.0	



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





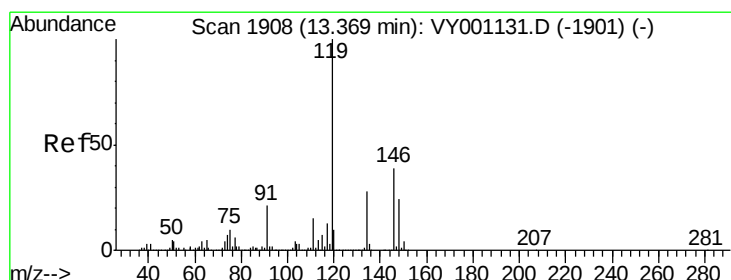
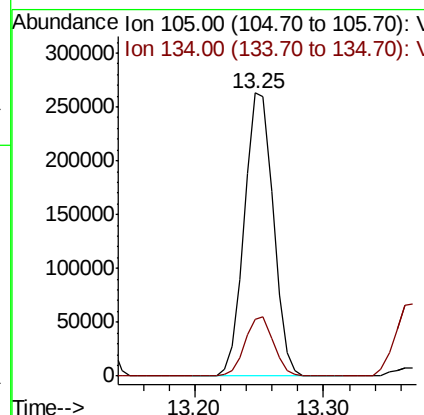
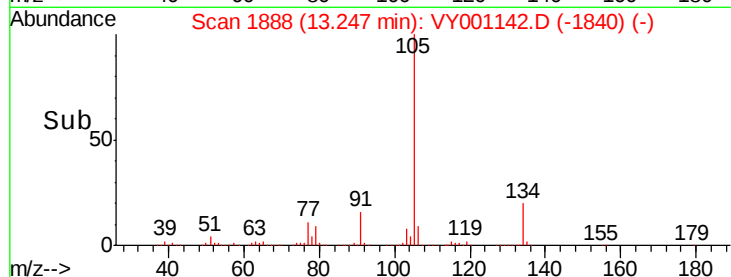
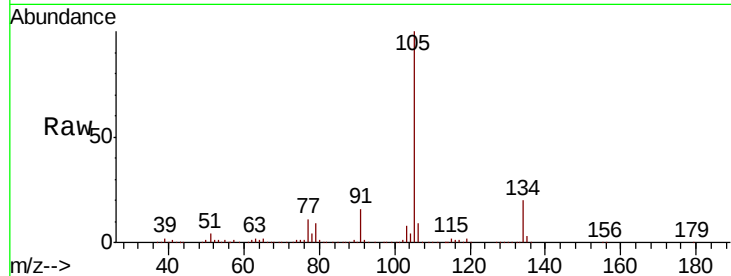
#85
 sec-Butylbenzene
 Concen: 21.410 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion:105 Resp: 406608
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

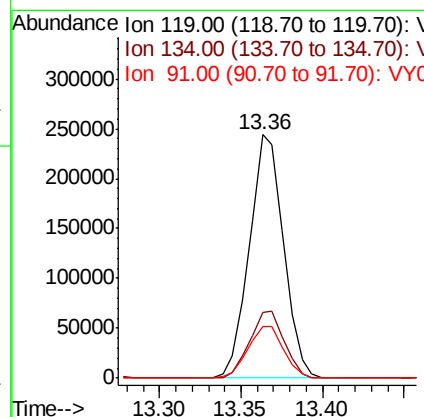
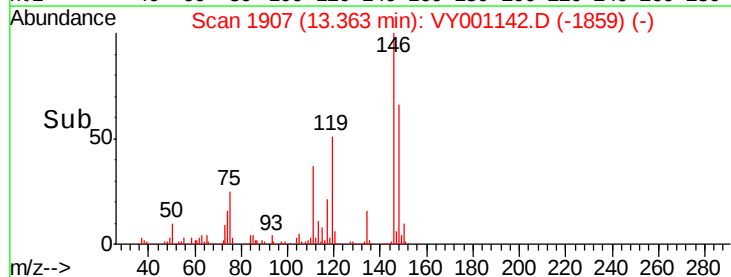
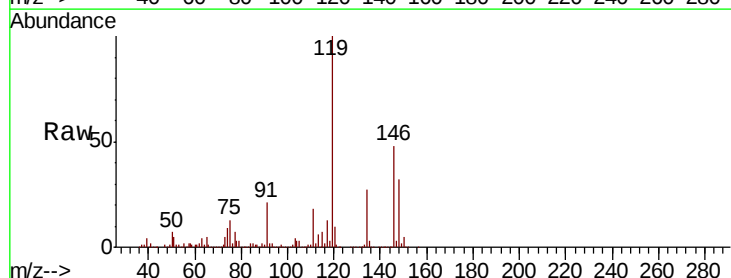
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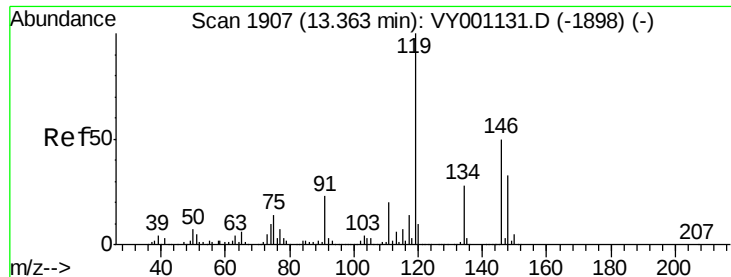
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#86
 p-Isopropyltoluene
 Concen: 20.862 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Tgt Ion:119 Resp: 356804
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.8 41.3
 91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 21.295 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

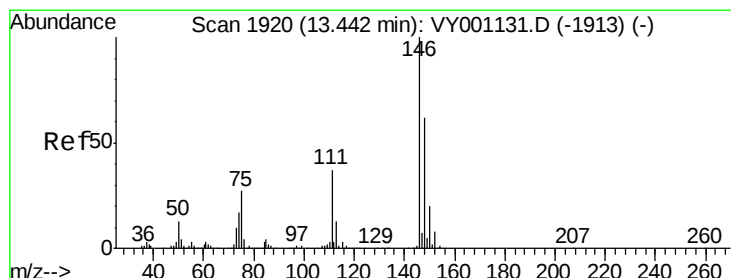
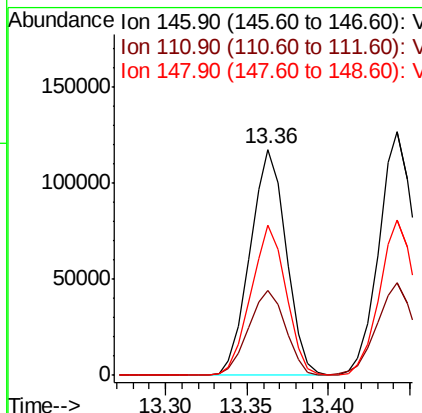
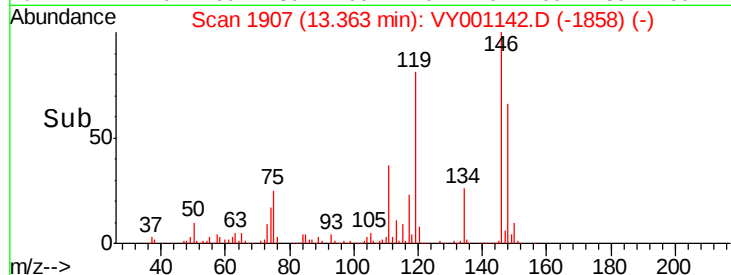
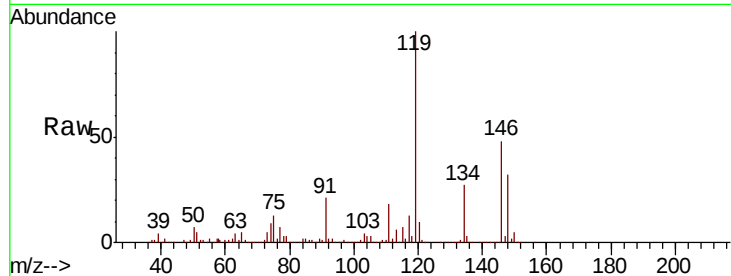
ClientSampleId :

VY0102SBSD01

Tot Ion:	146	Resp:	181276
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.5	58.5
148	64.5	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 22.883 ug/l

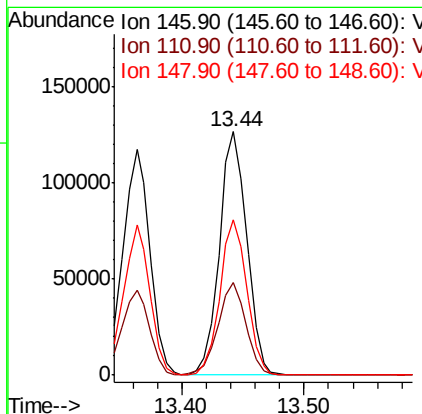
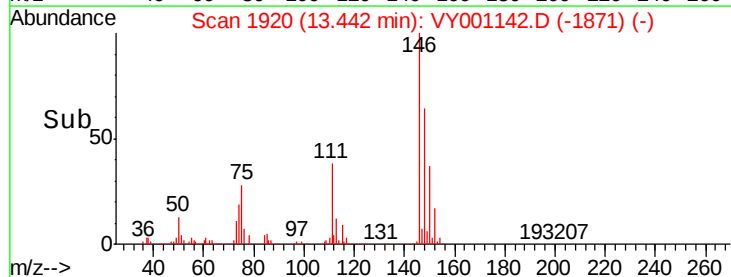
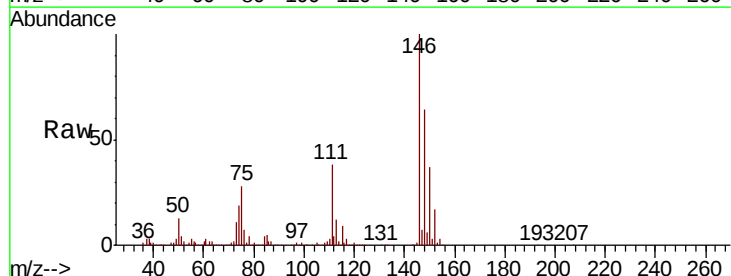
RT: 13.44 min Scan# 1920

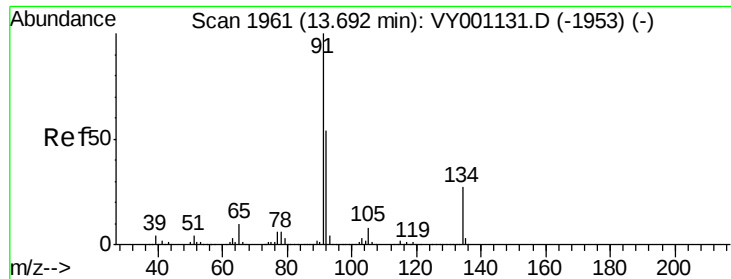
Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	146	Resp:	196117
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.1	57.3
148	62.8	32.0	96.0





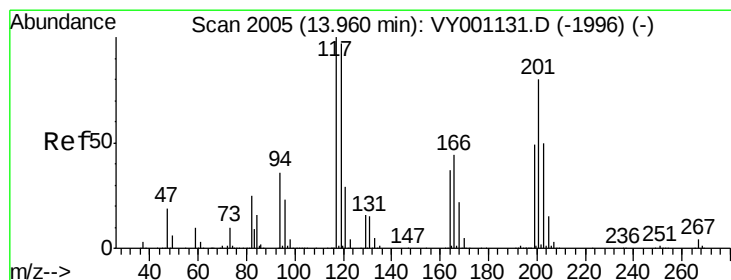
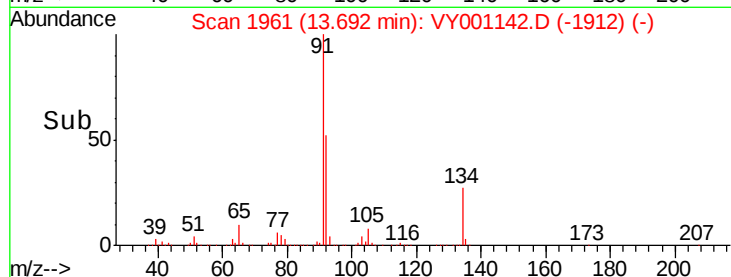
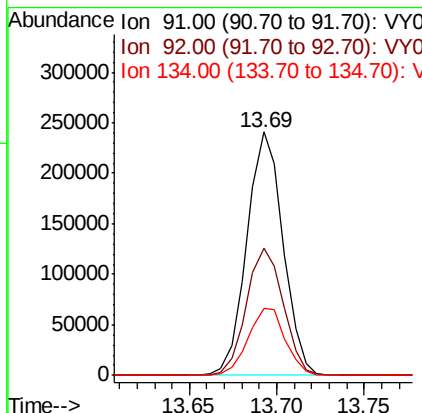
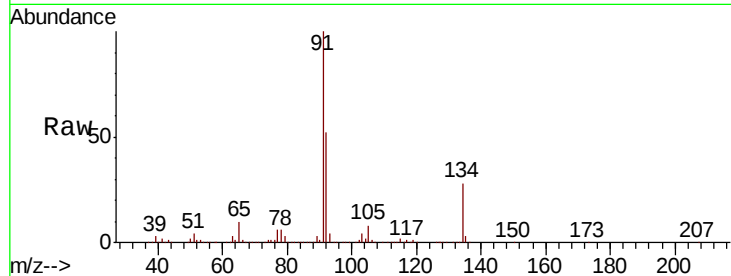
#89
n-Butylbenzene
Concen: 21.513 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0102SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.2	81.5
134	28.6	14.1	42.4

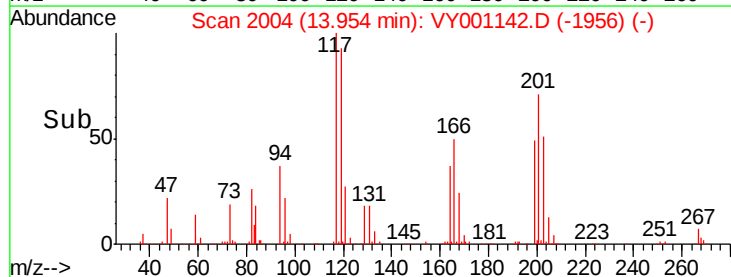
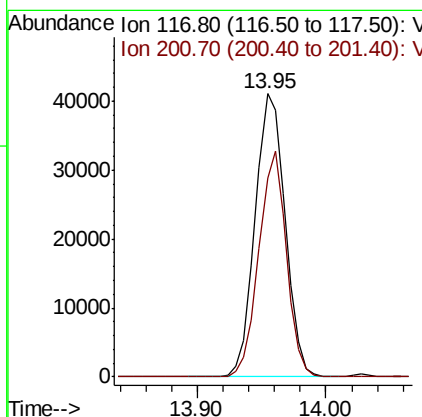
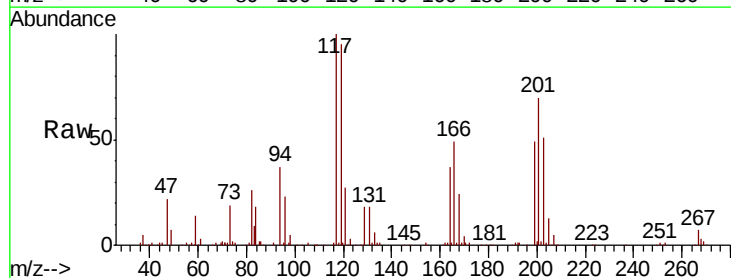
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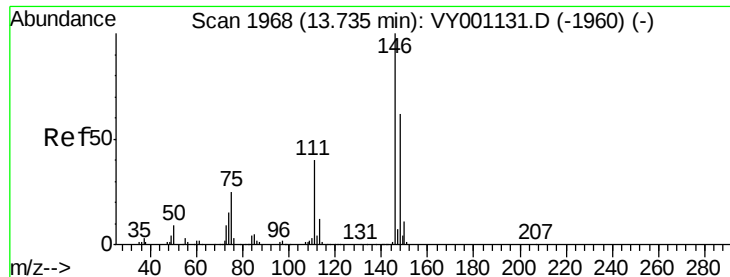
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#90
Hexachloroethane
Concen: 20.818 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY001142.D
Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.3	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 25.250 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

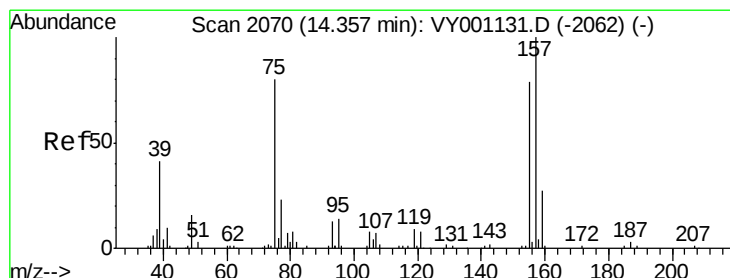
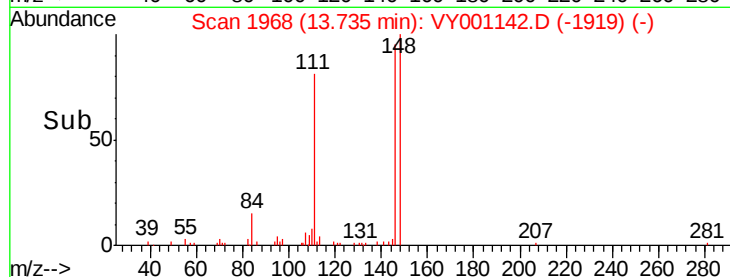
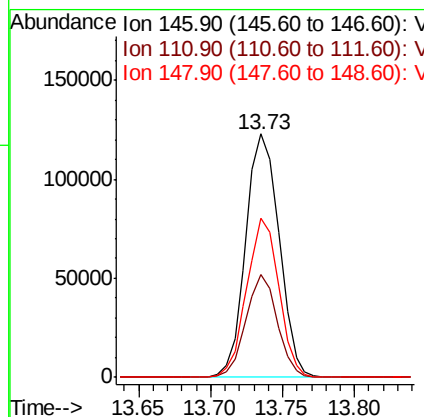
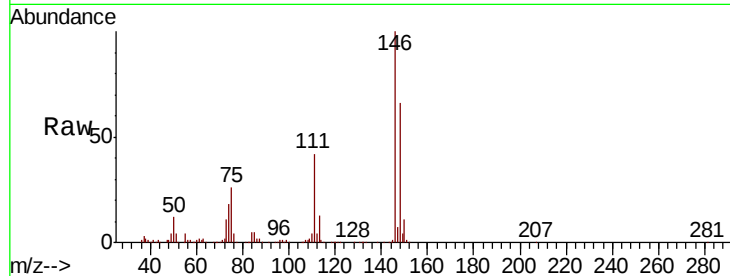
ClientSampleId :

VY0102SBSD01

Tot Ion:	146	Resp:	197128
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.1	60.3
148	63.2	31.9	95.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.278 ug/l

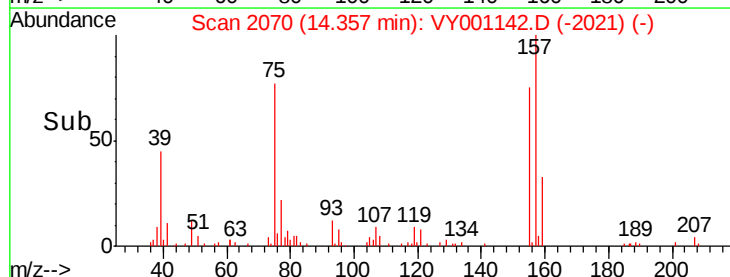
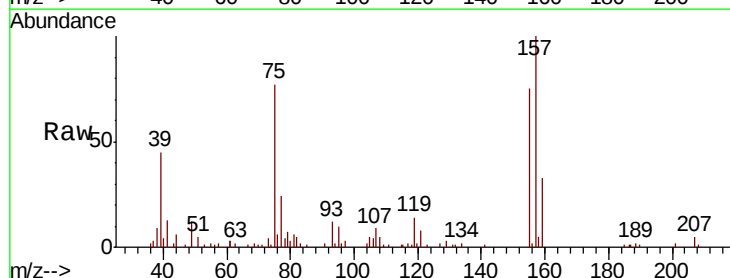
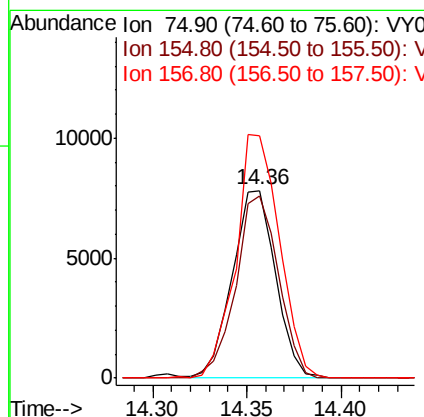
RT: 14.36 min Scan# 2070

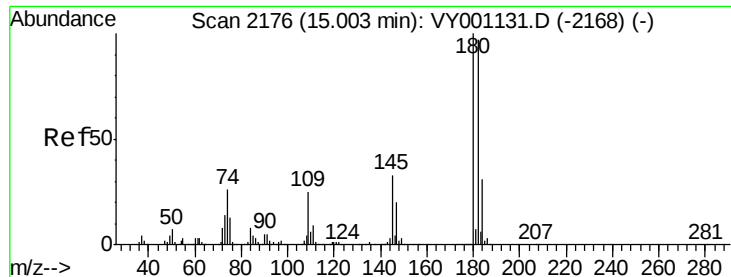
Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	75	Resp:	12479
Ion Ratio	Lower	Upper	
75	100		
155	95.8	50.4	151.3
157	130.8	64.0	192.0





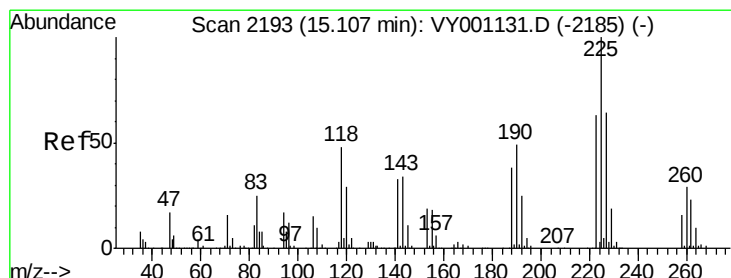
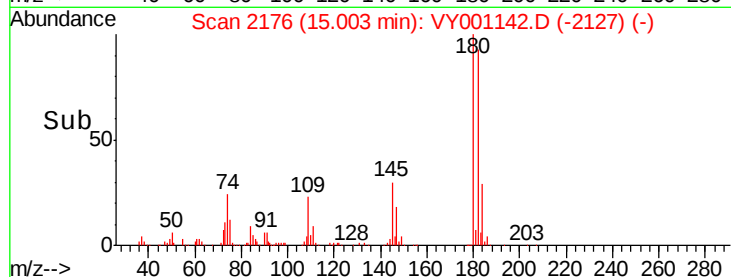
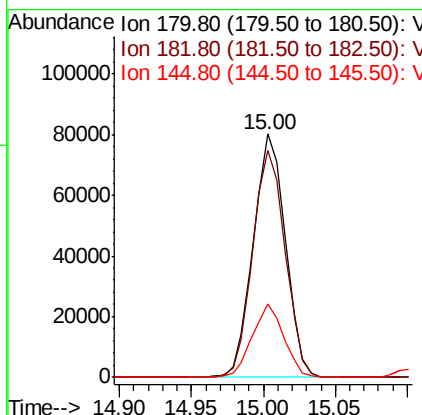
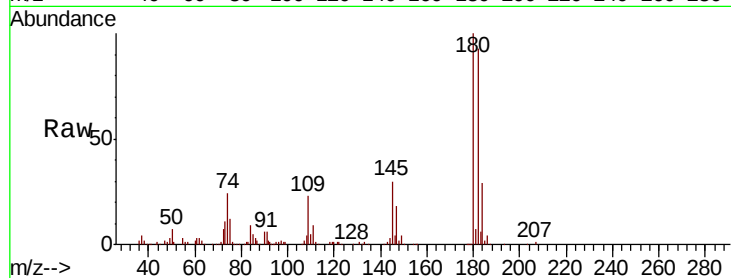
#93
 1,2,4-Trichlorobenzene
 Concen: 22.944 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	123383		
182	94.3	48.6	145.8	
145	29.9	16.1	48.3	

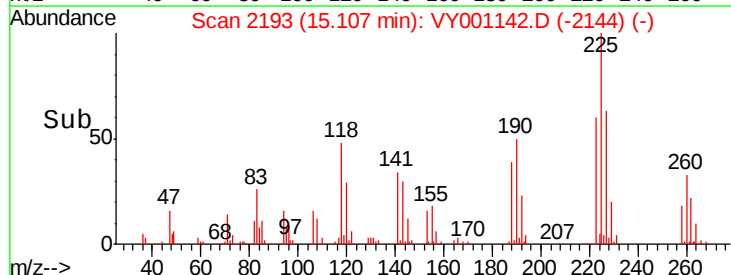
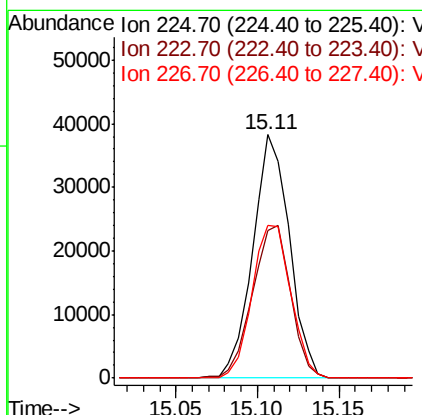
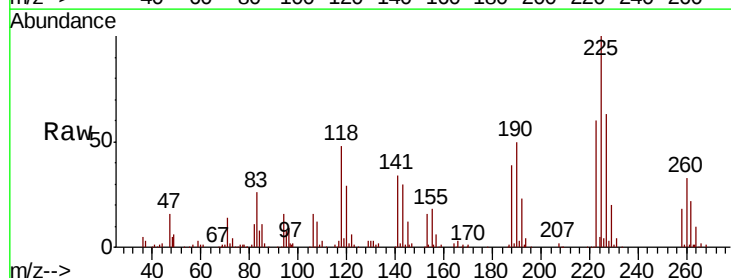
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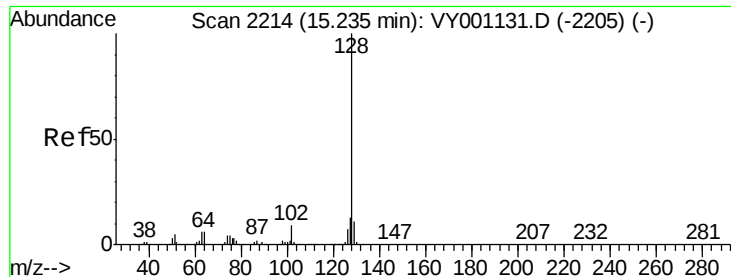
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#94
 Hexachlorobutadiene
 Concen: 21.954 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001142.D
 Acq: 02 Jan 2020 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59793		
223	64.8	31.8	95.3	
227	66.1	32.6	97.7	





#95

Naphthalene

Concen: 22.486 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Instrument :

MSVOA_Y

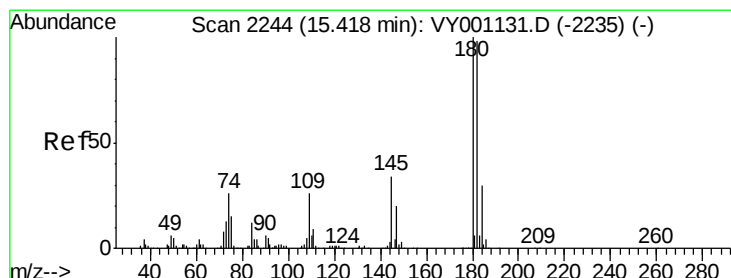
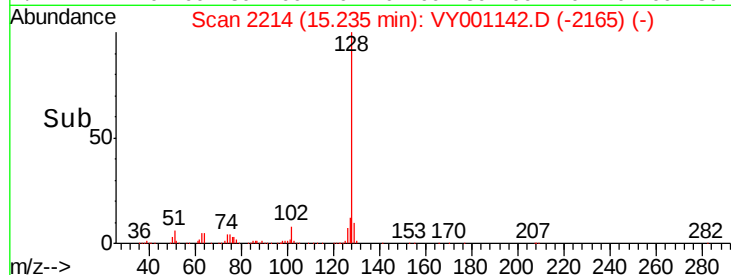
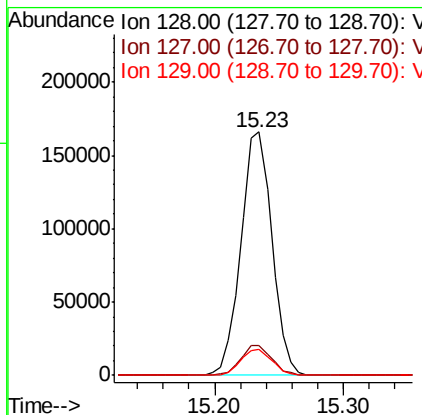
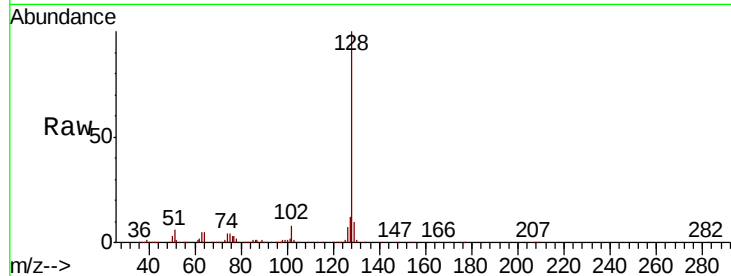
ClientSampleId :

VY0102SBSD01

Tot Ion:	128	Resp:	275940
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.1	15.1
129	11.0	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 22.757 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001142.D

Acq: 02 Jan 2020 18:15

Tgt Ion:	180	Resp:	109509
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.8	143.3
145	32.0	16.5	49.5

