

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000795.D
 Acq On : 26 Nov 2019 12:00
 Operator : SY/MD
 Sample : VY1126SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Manual Integrations
 APPROVED

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 11/27/2019 5:14:28 PM

Quant Time: Nov 26 12:35:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	299026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	520431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	454507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	164535	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
35) Dibromofluoromethane	7.72	113	160897	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.18	98	642094	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
62) 4-Bromofluorobenzene	12.48	95	232866	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	54407	18.483	ug/l	97
3) Chloromethane	2.12	50	73578	18.145	ug/l	100
4) Vinyl Chloride	2.25	62	73049	19.399	ug/l	99
5) Bromomethane	2.64	94	46656	20.662	ug/l	99
6) Chloroethane	2.79	64	47380	20.104	ug/l	96
7) Trichlorofluoromethane	3.12	101	104609	20.571	ug/l	99
8) Diethyl Ether	3.53	74	40659	22.502	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.90	101	68203	22.184	ug/l	95
10) Methyl Iodide	4.08	142	78447	21.344	ug/l	99
11) Tert butyl alcohol	4.97	59	34987	116.146	ug/l #	92
12) 1,1-Dichloroethene	3.87	96	66352	22.214	ug/l	96
13) Acrolein	3.73	56	19721	75.159	ug/l	97
14) Allyl chloride	4.48	41	118297	24.356	ug/l	93
15) Acrylonitrile	5.18	53	113422	122.535	ug/l	99
16) Acetone	3.95	43	80707	94.628	ug/l	99
17) Carbon Disulfide	4.19	76	194256	20.620	ug/l	99
18) Methyl Acetate	4.48	43	61008	23.005	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	188828	22.737	ug/l	99
20) Methylene Chloride	4.71	84	81054	22.179	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	75431	22.338	ug/l	97
22) Diisopropyl ether	6.12	45	247148	23.411	ug/l	97
23) Vinyl Acetate	6.07	43	769795	115.516	ug/l	97
24) 1,1-Dichloroethane	6.02	63	134164	23.459	ug/l	99
25) 2-Butanone	6.99	43	148994	109.462	ug/l	97
26) 2,2-Dichloropropane	6.99	77	115882	22.172	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	86190	23.342	ug/l	99
28) Bromochloromethane	7.34	49	33029	15.719	ug/l	98
29) Tetrahydrofuran	7.35	42	94137	113.050	ug/l	97
30) Chloroform	7.52	83	134676	23.278	ug/l	96
31) Cyclohexane	7.78	56	135535	22.627	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	112880	21.892	ug/l	98
36) 1,1-Dichloropropene	7.92	75	106031	21.551	ug/l	99
37) Ethyl Acetate	7.08	43	61341	21.000	ug/l	97
38) Carbon Tetrachloride	7.90	117	95680	20.211	ug/l	93

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	134690	21.191	ug/l	95
40) Benzene	8.16	78	313618	21.743	ug/l	99
41) Methacrylonitrile	7.32	41	28162m	17.283	ug/l	
42) 1,2-Dichloroethane	8.24	62	86966	21.258	ug/l	98
43) Isopropyl Acetate	8.28	43	119921	21.855	ug/l	99
44) Trichloroethene	8.94	130	82612	21.722	ug/l	98
45) 1,2-Dichloropropane	9.22	63	80165	22.582	ug/l	91
46) Dibromomethane	9.31	93	41005	21.003	ug/l	97
47) Bromodichloromethane	9.50	83	100368	21.666	ug/l	99
48) Methyl methacrylate	9.29	41	51867	21.634	ug/l	95
49) 1,4-Dioxane	9.30	88	12252	466.280	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	317578	108.859	ug/l	96
52) Toluene	10.24	92	193930	21.266	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	107481	21.714	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	126507	22.309	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	61293	21.705	ug/l	96
56) Ethyl methacrylate	10.50	69	91363	22.827	ug/l	95
57) 1,3-Dichloropropane	10.79	76	110606	22.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	203894	112.684	ug/l	98
59) 2-Hexanone	10.83	43	227351	106.961	ug/l	96
60) Dibromochloromethane	10.99	129	68515	21.182	ug/l	98
61) 1,2-Dibromoethane	11.08	107	58747	21.637	ug/l	96
64) Tetrachloroethene	10.72	164	86040	22.894	ug/l	97
65) Chlorobenzene	11.51	112	204059	22.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	69882	21.866	ug/l	99
67) Ethyl Benzene	11.59	91	383994	22.642	ug/l	99
68) m/p-Xylenes	11.70	106	283649	43.212	ug/l	96
69) o-Xylene	12.02	106	132291	21.444	ug/l	99
70) Styrene	12.04	104	232608	22.019	ug/l	99
71) Bromoform	12.20	173	39402	21.435	ug/l #	99
73) Isopropylbenzene	12.33	105	361852	22.630	ug/l	99
74) N-amyl acetate	12.14	43	100456	21.936	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	70231	22.183	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	50229m	20.390	ug/l	
77) Bromobenzene	12.61	156	79561	21.942	ug/l	94
78) n-propylbenzene	12.67	91	443659	22.996	ug/l	100
79) 2-Chlorotoluene	12.75	91	247452	23.103	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	301597	22.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	27229	24.783	ug/l	88
82) 4-Chlorotoluene	12.85	91	255327	22.997	ug/l	98
83) tert-Butylbenzene	13.07	119	250980	22.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	303589	22.896	ug/l	98
85) sec-Butylbenzene	13.25	105	369030	22.780	ug/l	100
86) p-Isopropyltoluene	13.36	119	325945	22.575	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	154681	21.779	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	154688	21.796	ug/l	99
89) n-Butylbenzene	13.69	91	328203	23.047	ug/l	100
90) Hexachloroethane	13.95	117	61009	22.857	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	142486	22.112	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12438	22.198	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	95192	21.696	ug/l	98
94) Hexachlorobutadiene	15.11	225	48457	21.425	ug/l	99
95) Naphthalene	15.23	128	224533	23.052	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	85594	21.744	ug/l	99

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

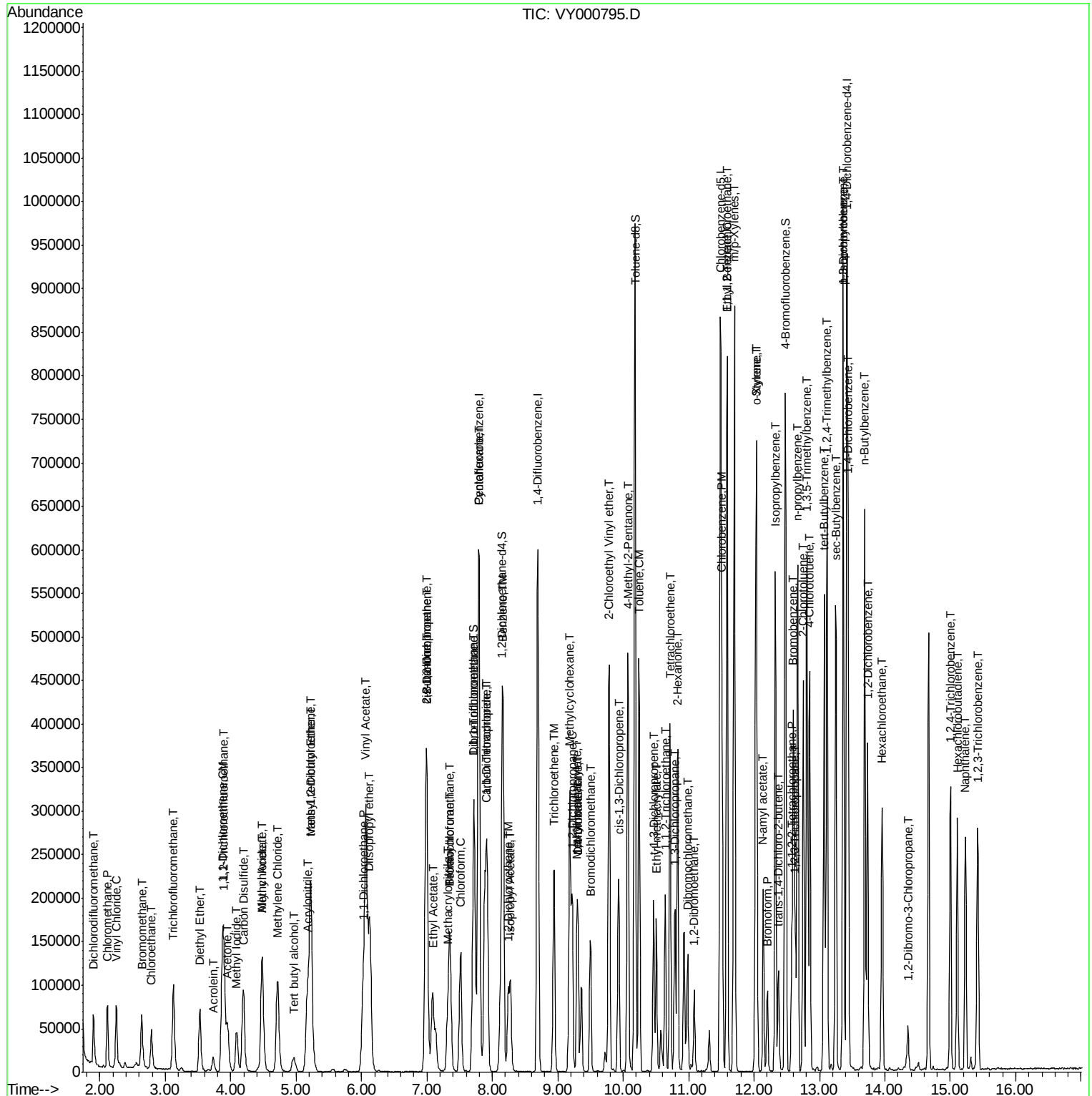
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
Data File : VY000795.D
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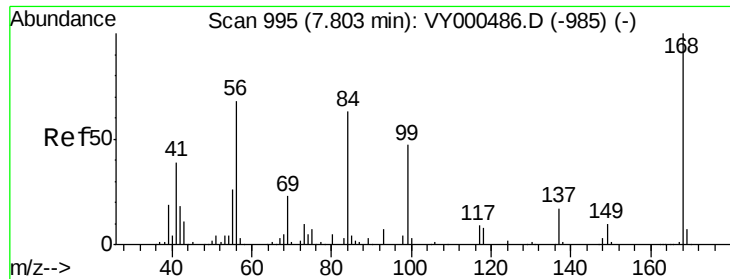
Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion:168 Resp: 299026

Ion Ratio Lower Upper

168 100

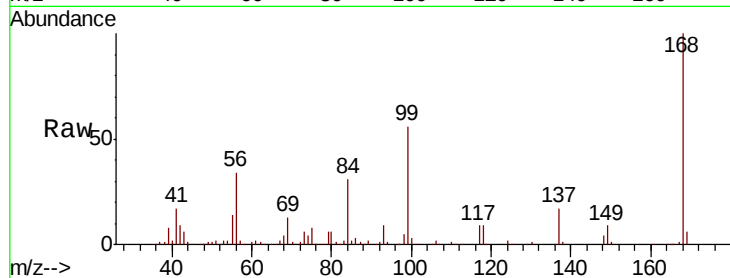
99 56.1 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

150000

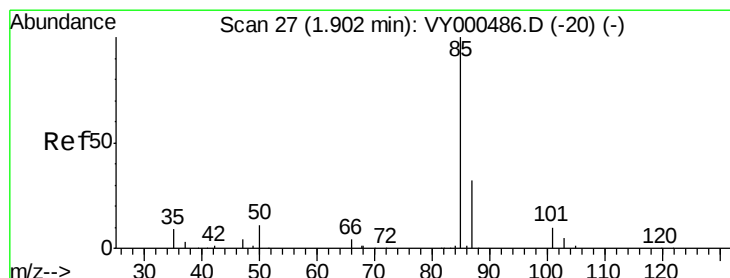
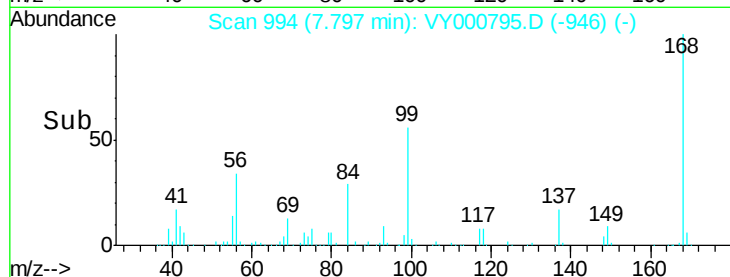
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.483 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000795.D

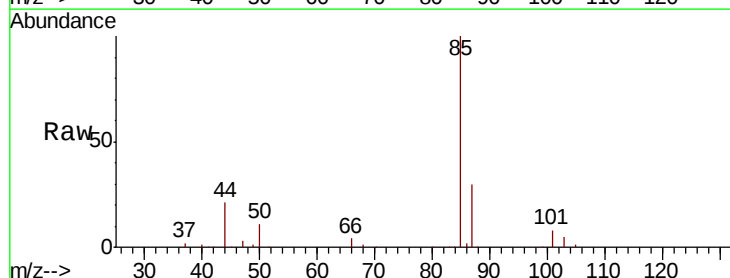
Acq: 26 Nov 2019 12:00

Tgt Ion: 85 Resp: 54407

Ion Ratio Lower Upper

85 100

87 30.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

40000

30000

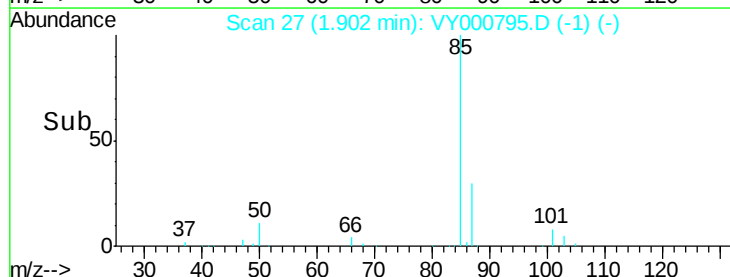
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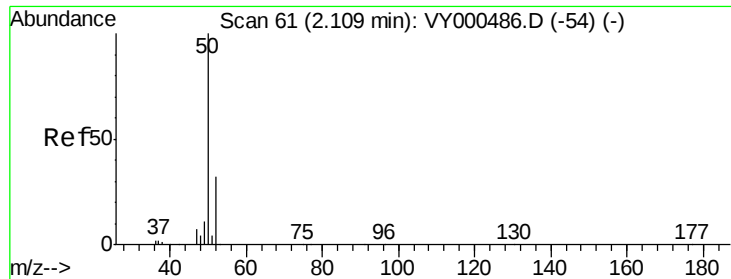
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 18.145 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 50 Resp: 73578

Ion Ratio Lower Upper

50 100

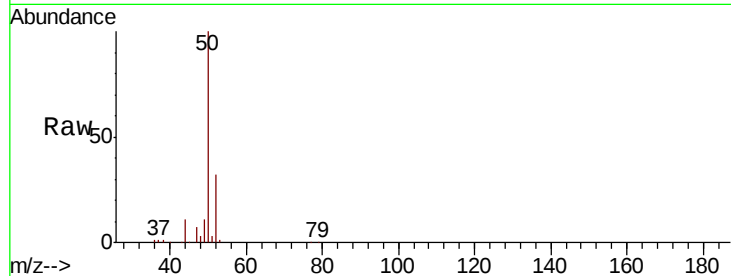
52 31.7 25.2 37.8

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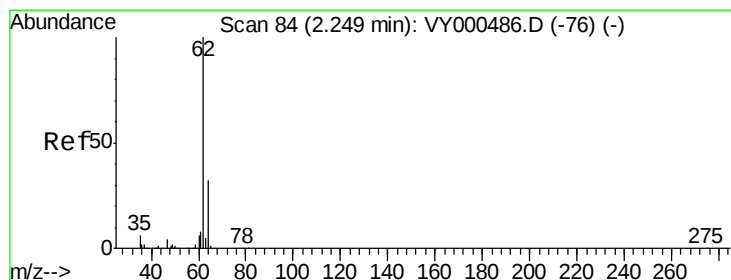
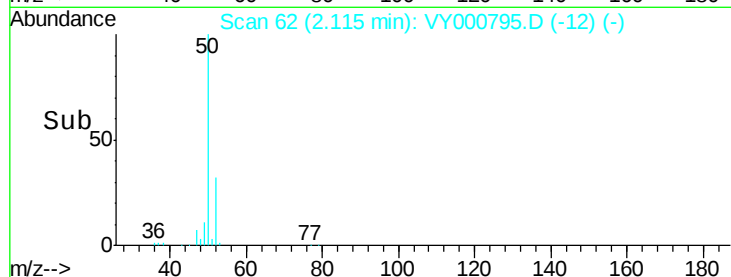
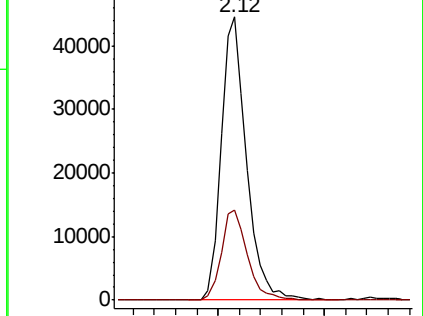
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.399 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000795.D

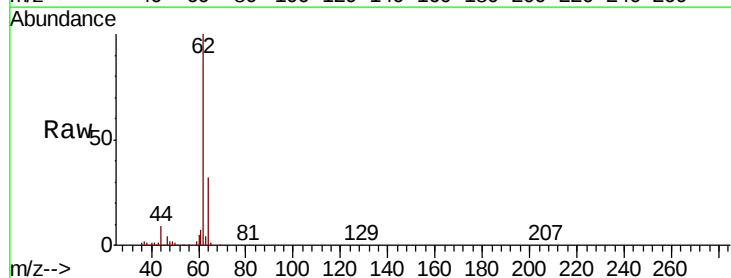
Acq: 26 Nov 2019 12:00

Tgt Ion: 62 Resp: 73049

Ion Ratio Lower Upper

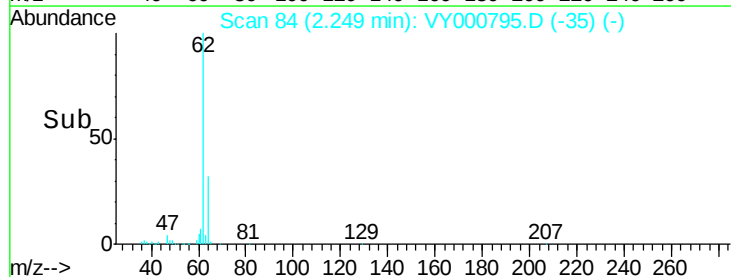
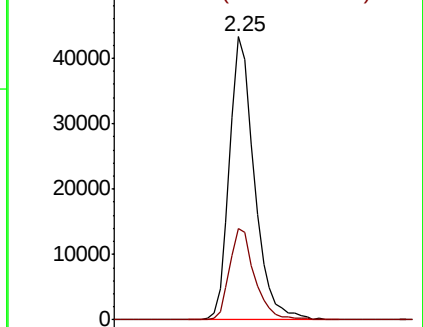
62 100

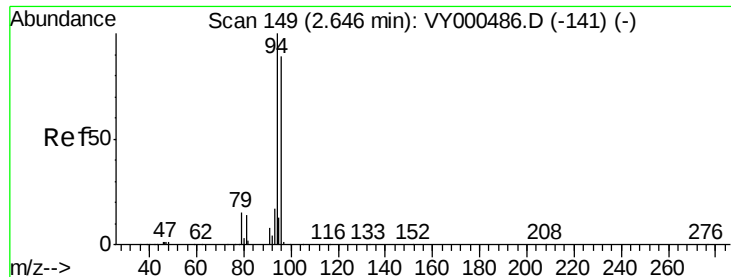
64 32.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.662 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

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ClientSampleId :

VY1126SBS01

Tot Ion: 94 Resp: 46656

Ion Ratio Lower Upper

94 100

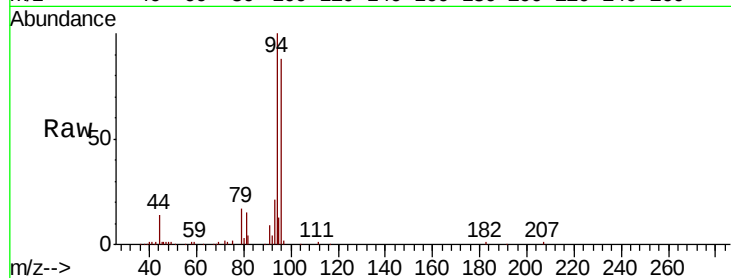
96 88.2 71.2 106.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

25000

20000

15000

10000

5000

0

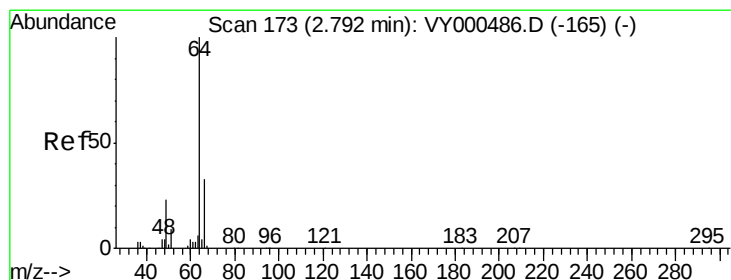
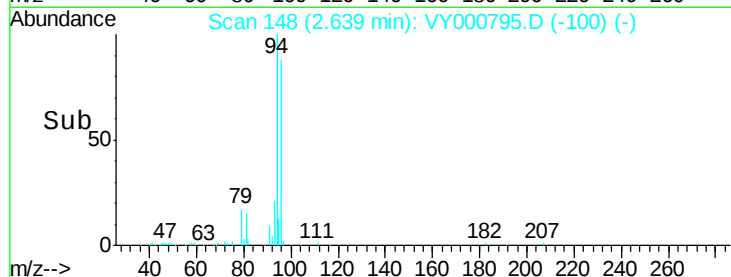
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2.50

2.60

2.70

2.80



#6

Chloroethane

Concen: 20.104 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000795.D

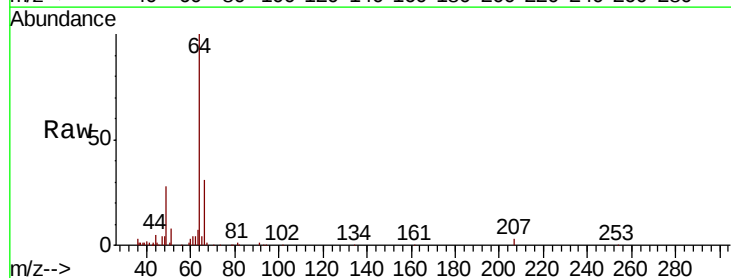
Acq: 26 Nov 2019 12:00

Tgt Ion: 64 Resp: 47380

Ion Ratio Lower Upper

64 100

66 31.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

15000

10000

5000

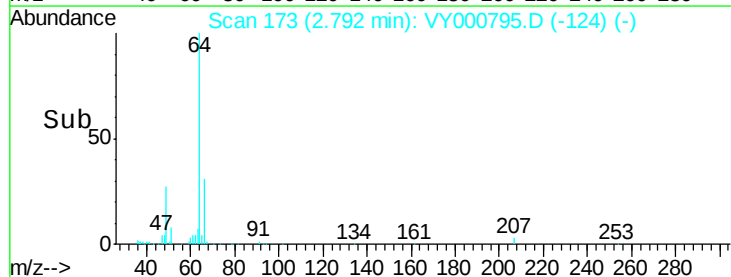
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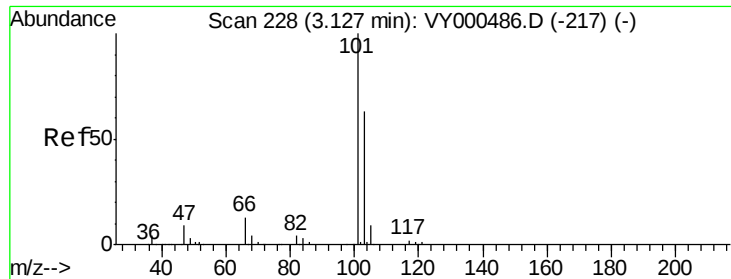
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2.70

2.80

2.90





#7

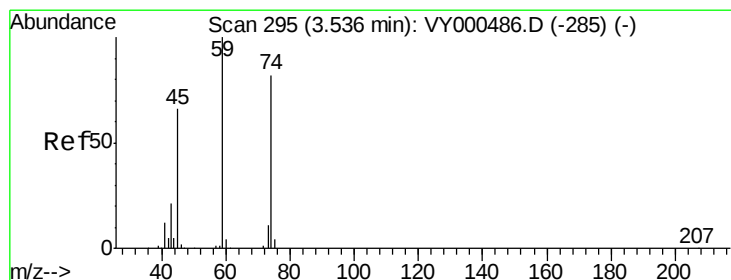
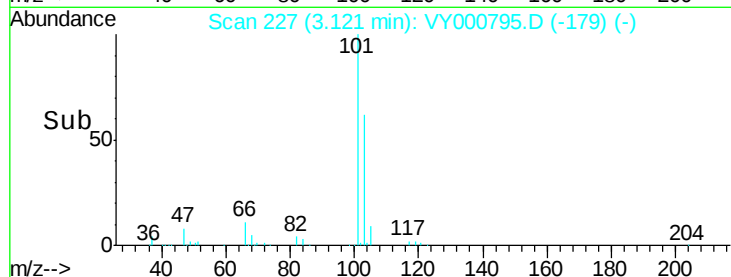
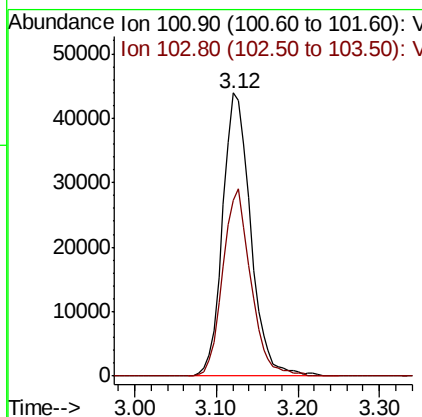
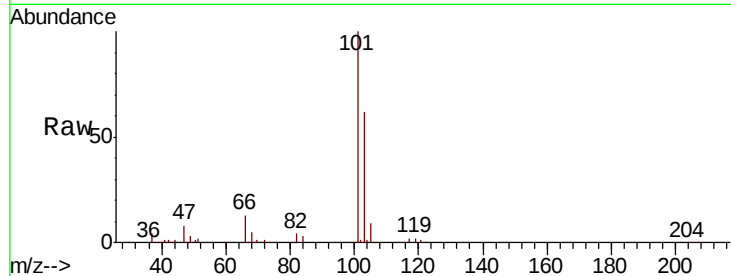
Trichlorofluoromethane
 Concen: 20.571 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
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 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	50.5	75.7

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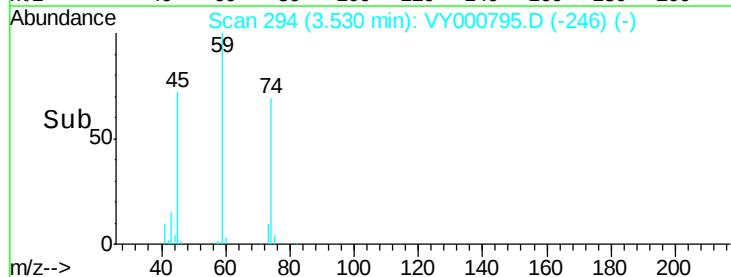
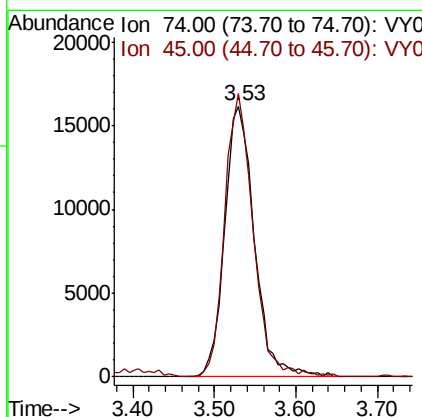
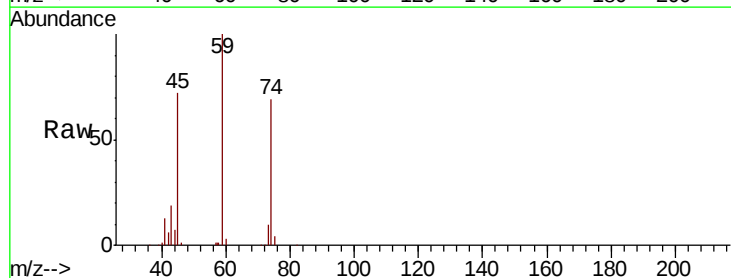
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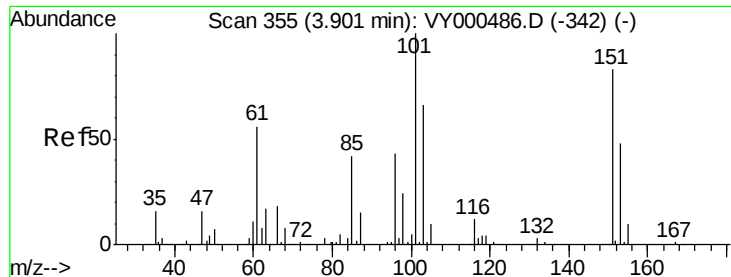


#8

Diethyl Ether
 Concen: 22.502 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.184 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

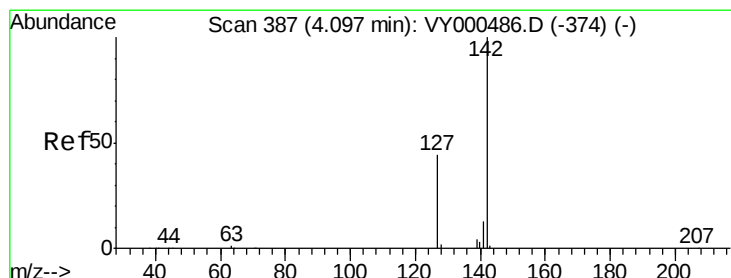
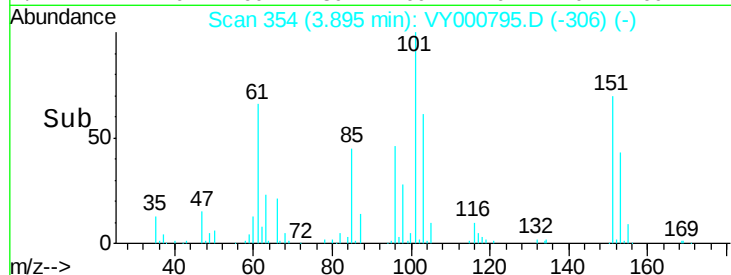
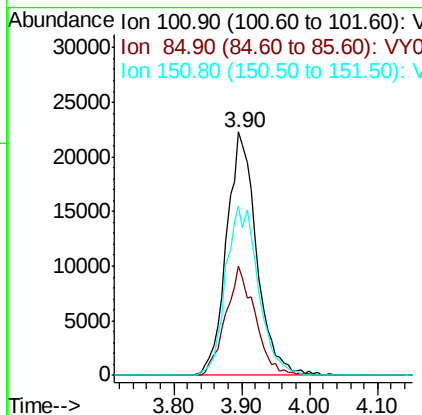
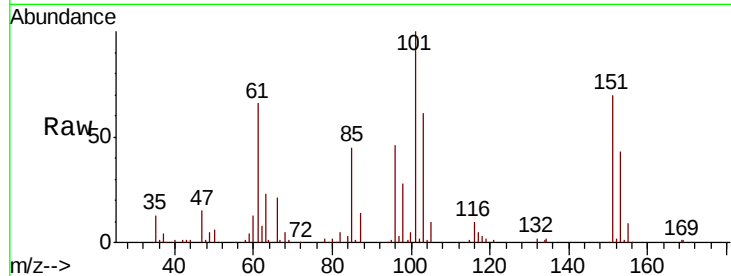
ClientSampleId :

VY1126SBS01

Tot Ion:	101	Resp:	68203
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.7	55.1
151	75.2	64.3	96.5

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#10

Methyl Iodide

Concen: 21.344 ug/l

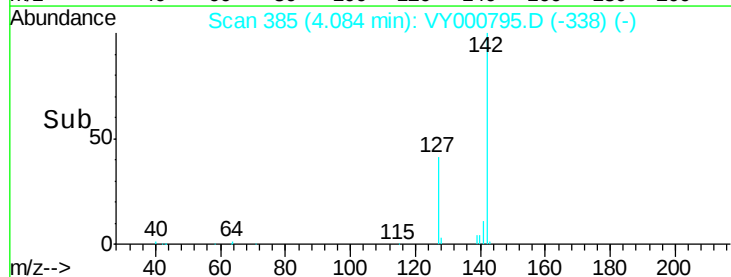
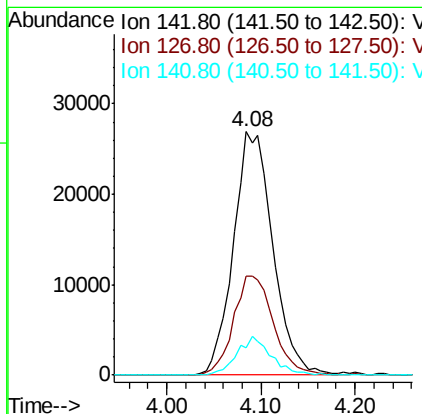
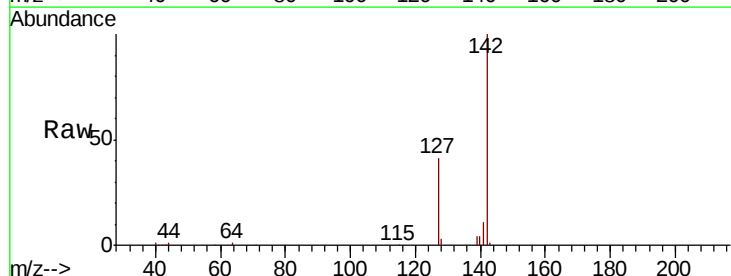
RT: 4.08 min Scan# 385

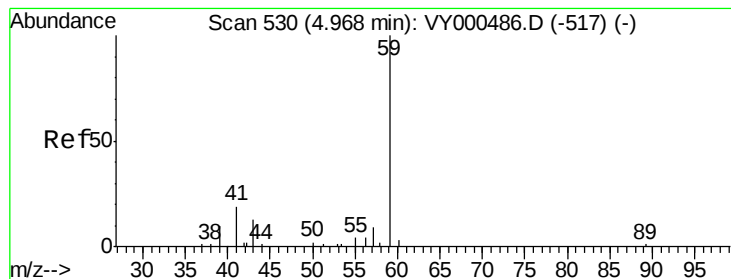
Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion:	142	Resp:	78447
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.7	50.5
141	13.9	10.9	16.3





#11

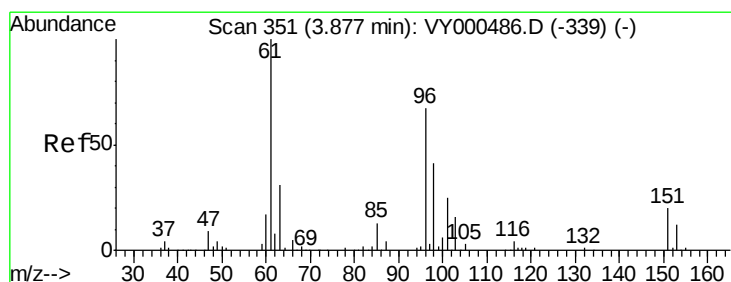
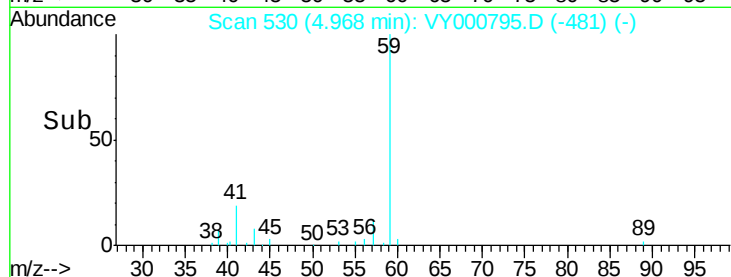
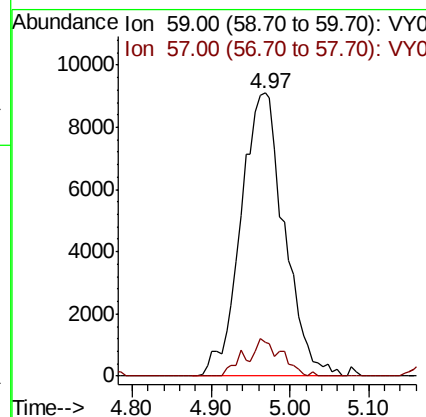
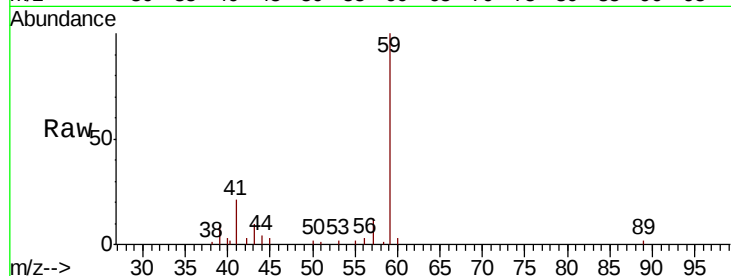
Tert butyl alcohol
Concen: 116.146 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	59	57	Ratio	100	7.7	Resp	34987	Lower	Upper
59	100								
57		7.7						8.6	12.8#

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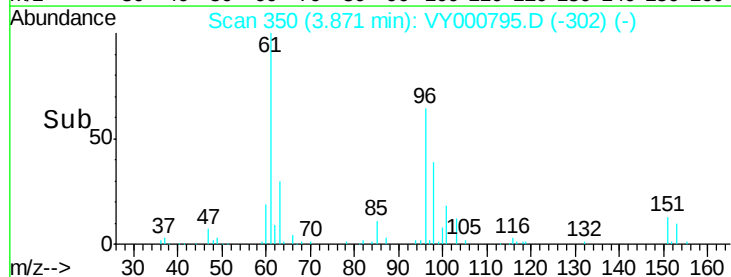
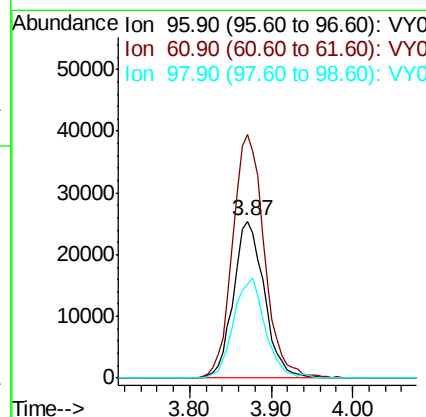
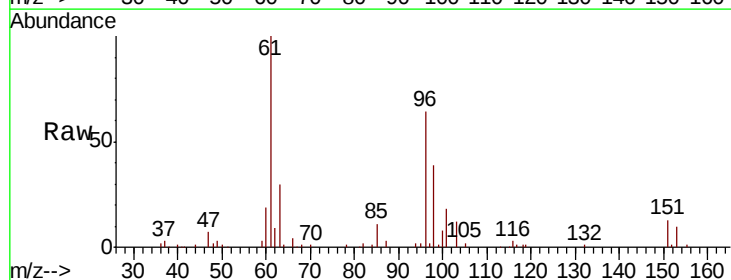
apatel
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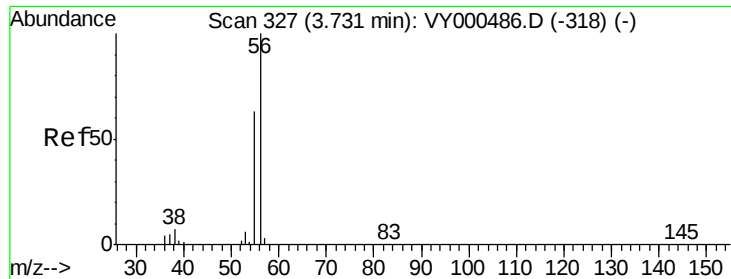


#12

1,1-Dichloroethene
Concen: 22.214 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	96	61	98	Ratio	100	155.1	59.8	Resp	66352	Lower	Upper
96	100										
61		155.1								119.2	178.8
98			59.8							48.6	73.0





#13

Acrolein

Concen: 75.159 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 56 Resp: 19721

Ion Ratio Lower Upper

56 100

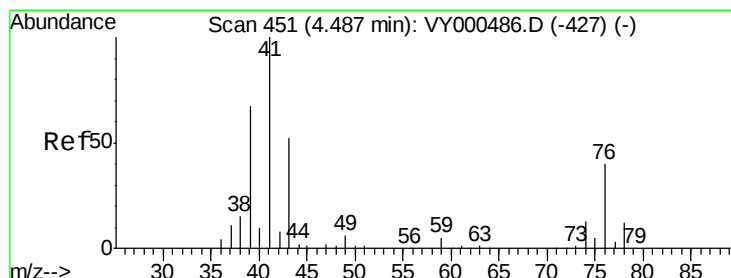
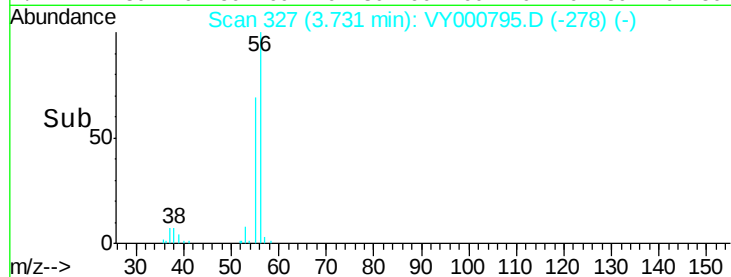
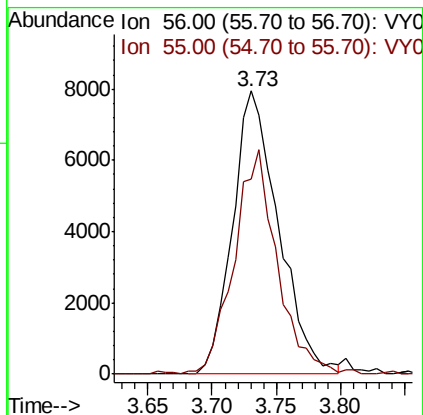
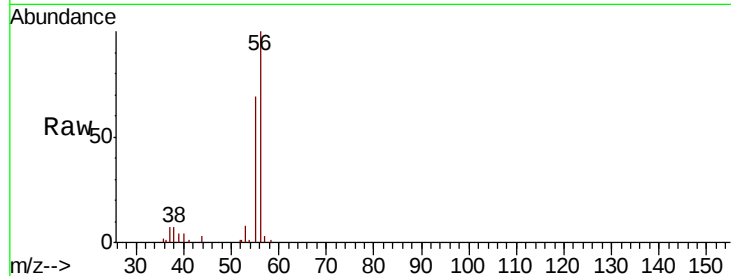
55 74.2 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 24.356 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

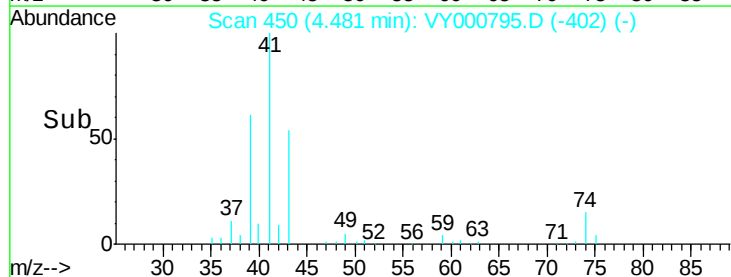
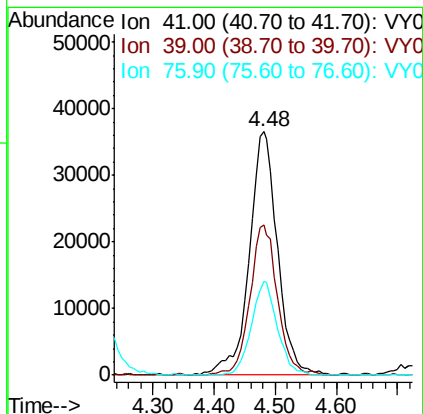
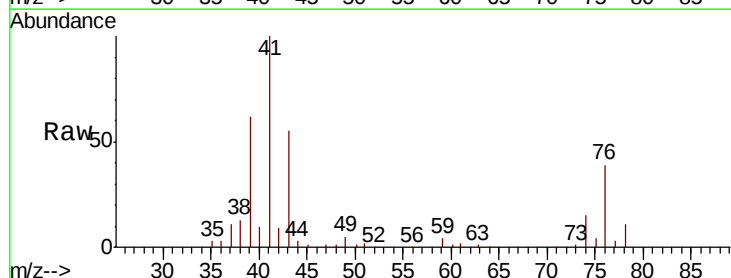
Tgt Ion: 41 Resp: 118297

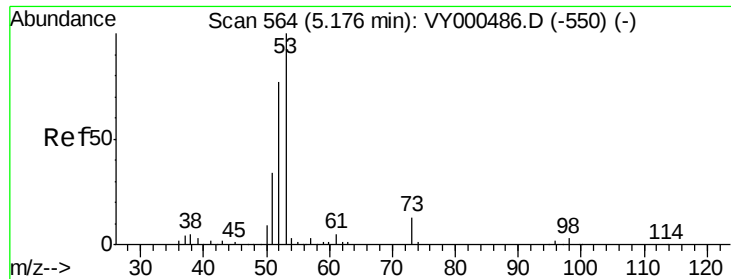
Ion Ratio Lower Upper

41 100

39 60.2 53.6 80.4

76 35.4 29.8 44.6





#15

Acrylonitrile

Concen: 122.535 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

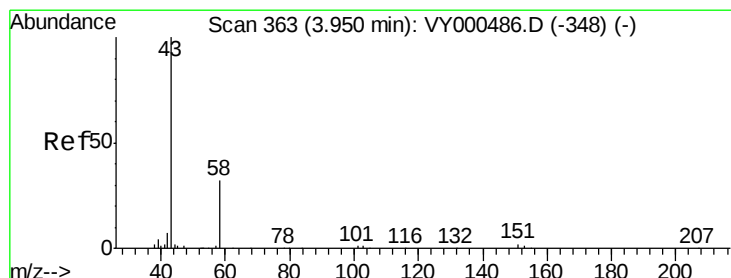
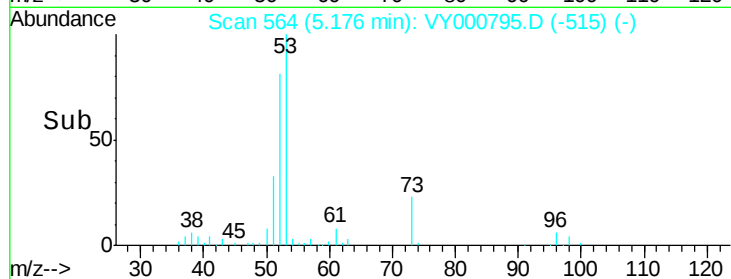
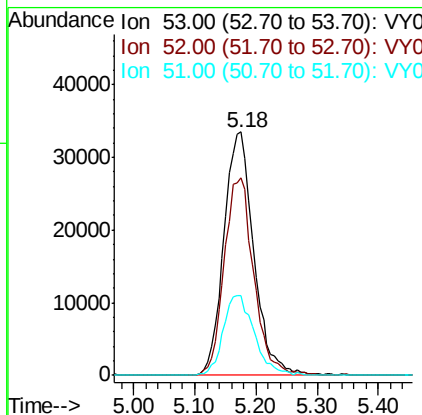
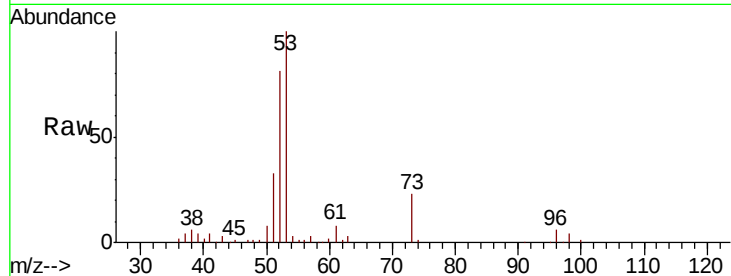
ClientSampleId :

VY1126SBS01

Tot Ion:	53	Resp:	113422
Ion Ratio	Lower	Upper	
53	100		
52	80.4	64.9	97.3
51	34.0	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 94.628 ug/l

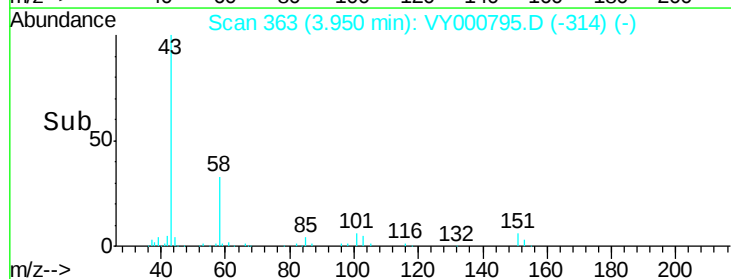
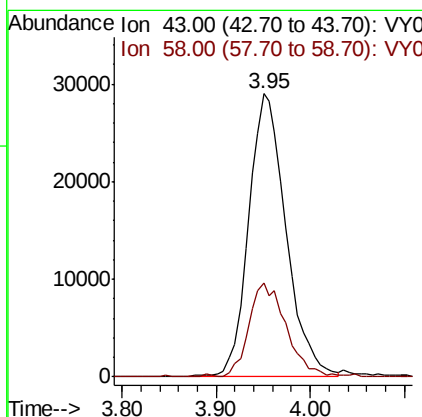
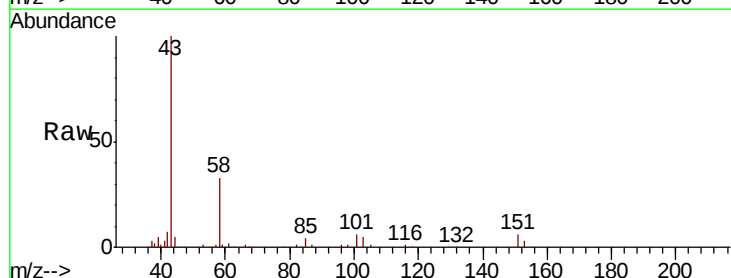
RT: 3.95 min Scan# 363

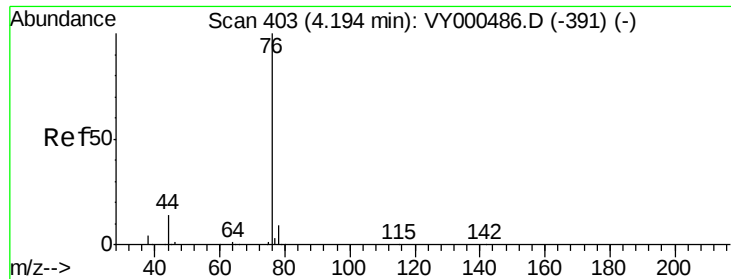
Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion:	43	Resp:	80707
Ion Ratio	Lower	Upper	
43	100		
58	33.0	25.8	38.6





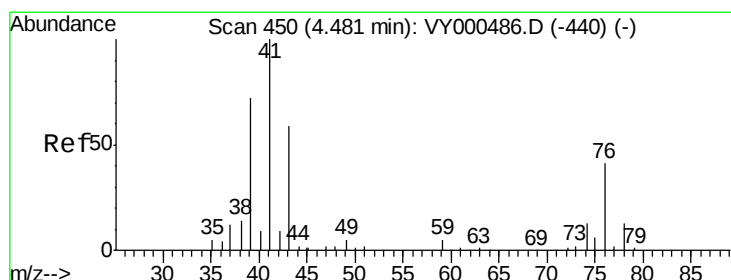
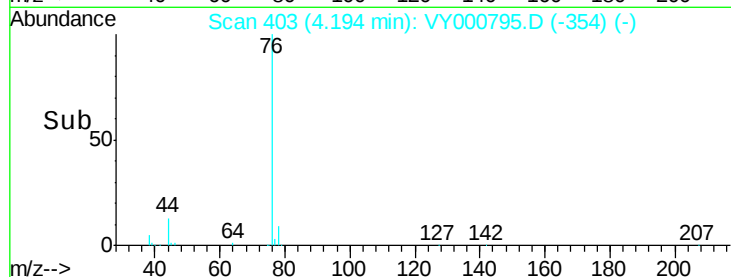
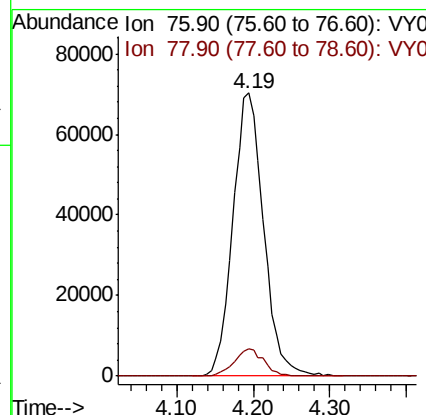
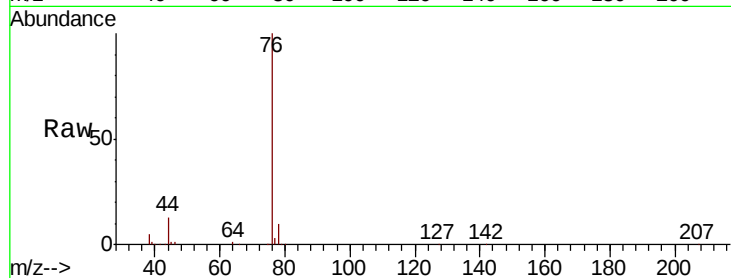
#17
Carbon Disulfide
Concen: 20.620 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.5	11.3

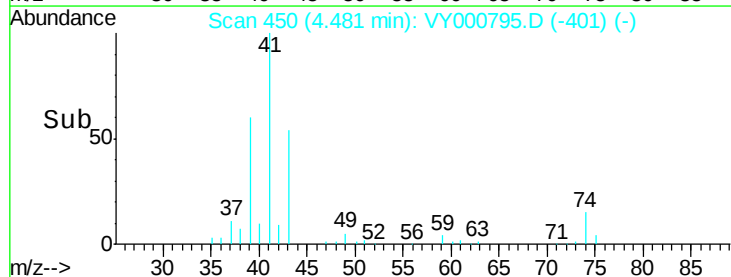
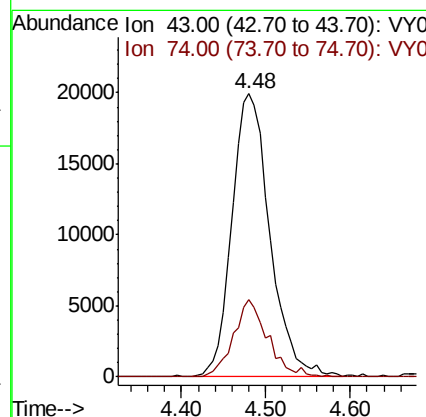
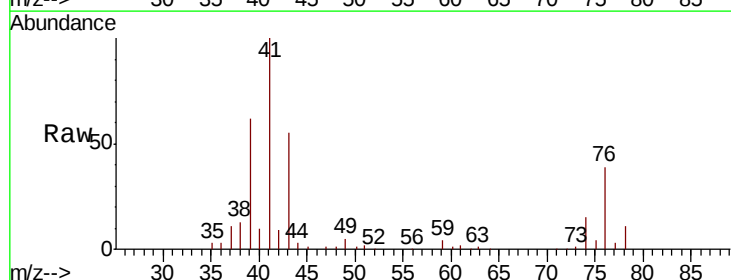
Manual Integrations
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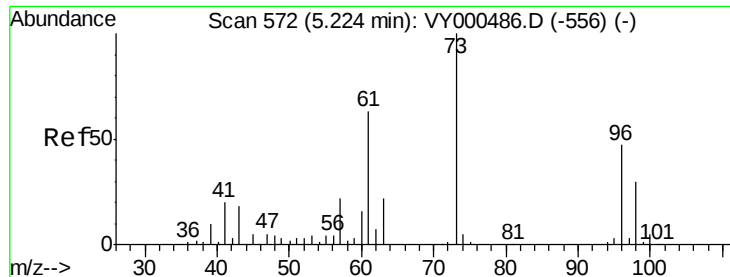
apatel
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#18
Methyl Acetate
Concen: 23.005 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.2	28.8





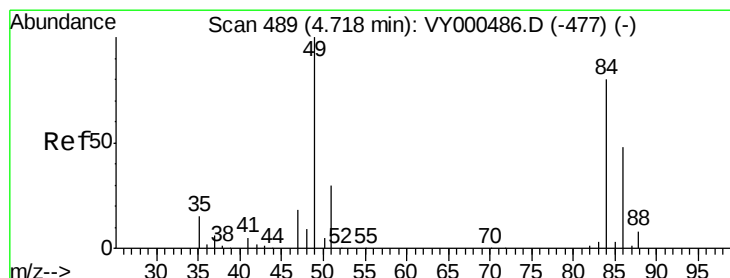
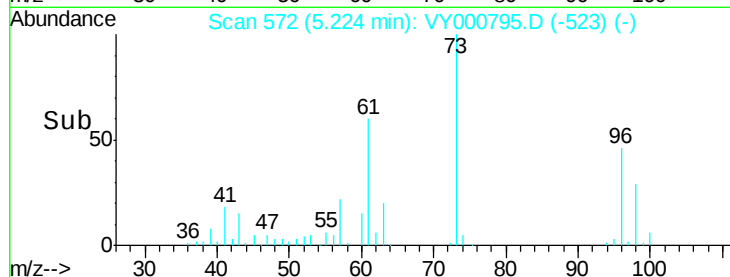
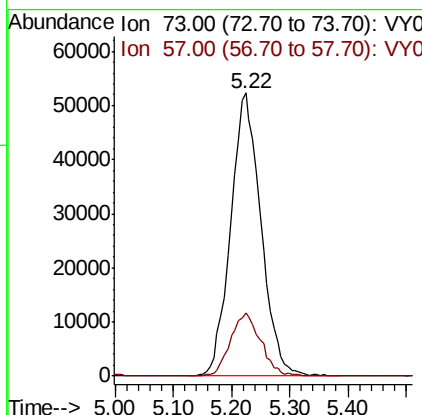
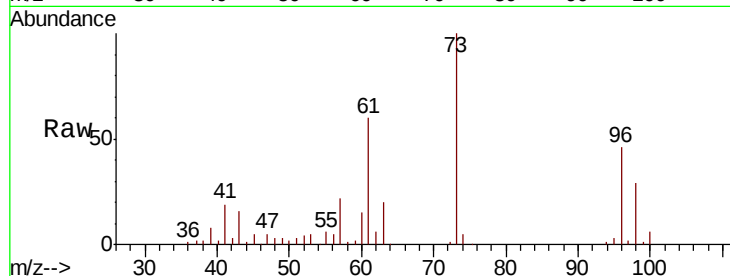
#19
Methvl tert-butvl Ether
Concen: 22.737 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion: 73 Resp: 188828
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0

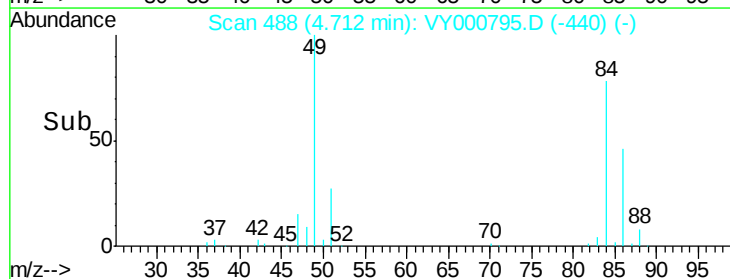
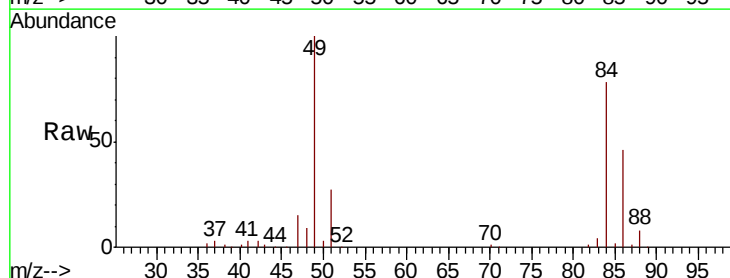
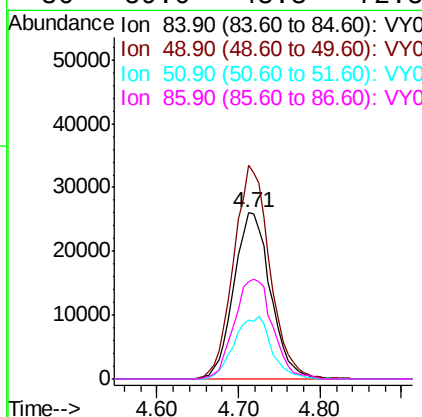
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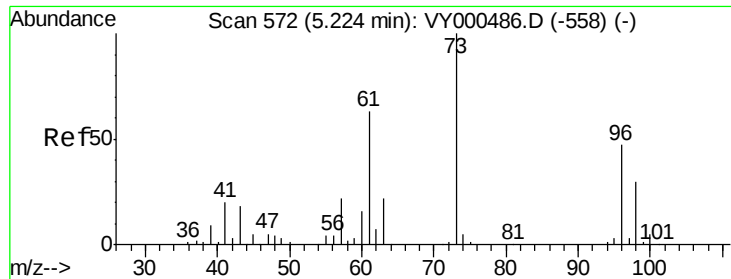
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#20
Methylene Chloride
Concen: 22.179 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion: 84 Resp: 81054
Ion Ratio Lower Upper
84 100
49 128.7 100.2 150.4
51 35.3 29.6 44.4
86 59.0 48.3 72.5





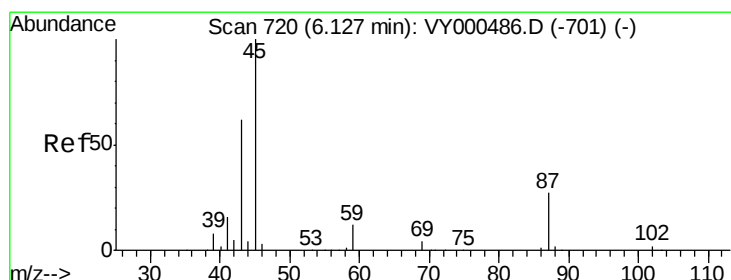
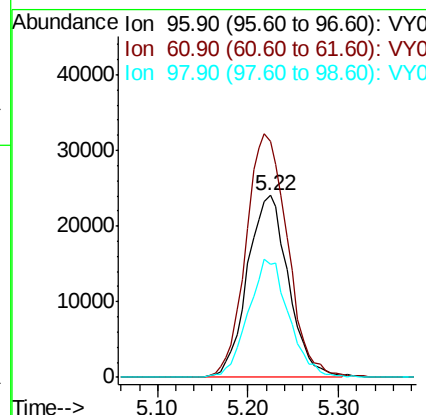
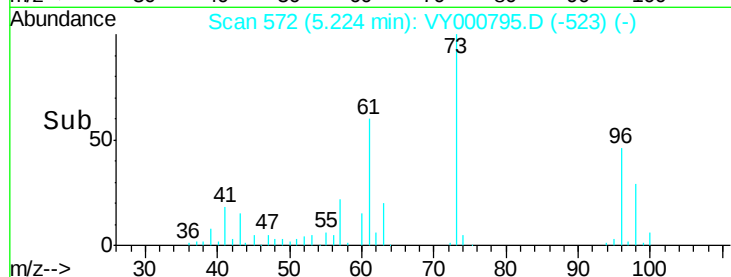
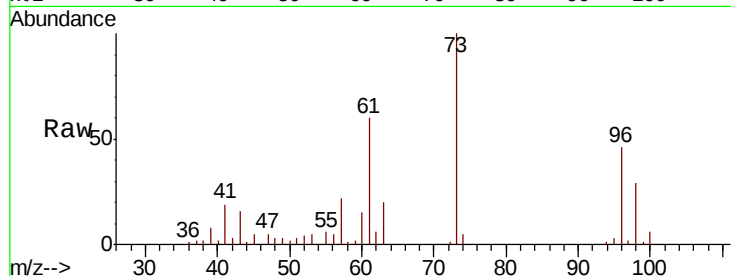
#21
trans-1,2-Dichloroethene
Concen: 22.338 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.5	106.6	160.0
98	62.0	50.6	76.0

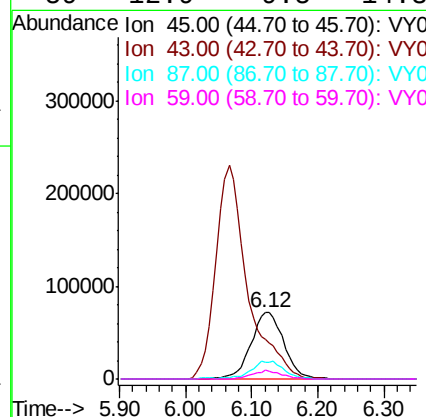
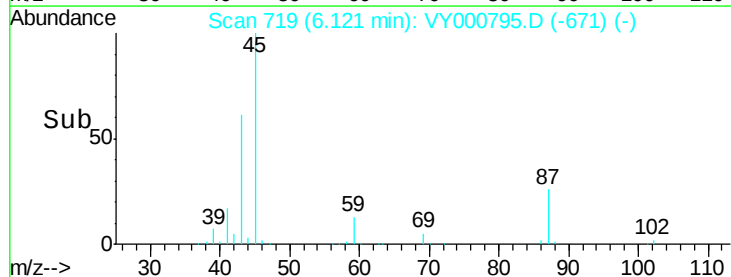
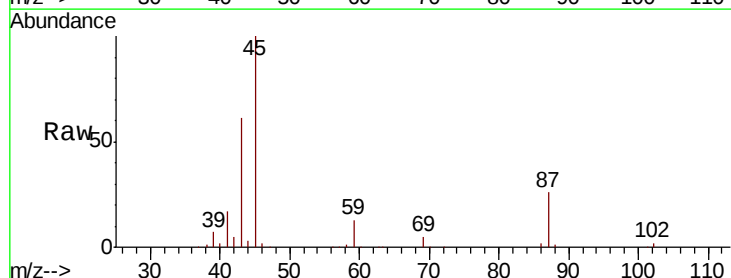
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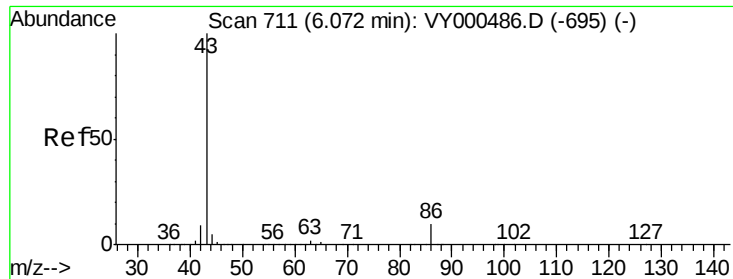
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#22
Diisopropyl ether
Concen: 23.411 ug/l
RT: 6.12 min Scan# 719
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	50.0	75.0
87	25.6	21.6	32.4
59	12.9	9.5	14.3





#23

Vinyl Acetate

Concen: 115.516 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 43 Resp: 769795

Ion Ratio Lower Upper

43 100

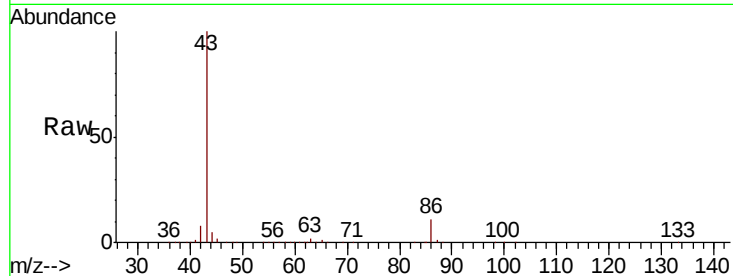
86 10.7 7.8 11.6

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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

250000

200000

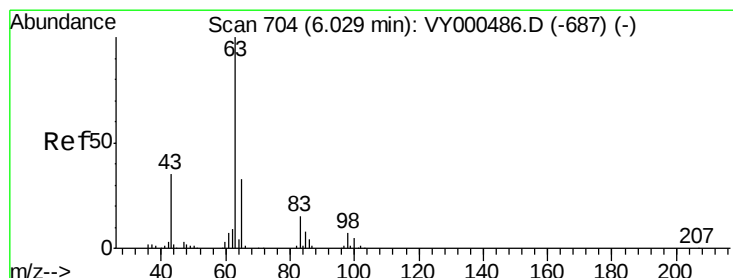
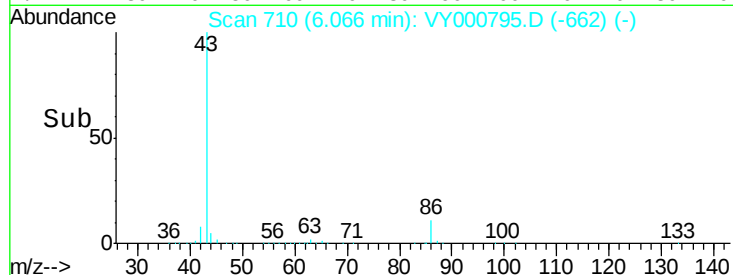
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.459 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

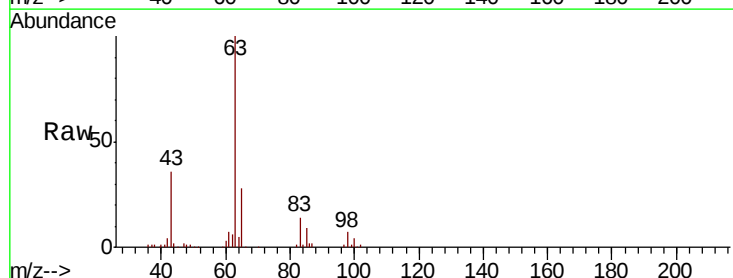
Tgt Ion: 63 Resp: 134164

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.4 2.4 7.1



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

6.02

60000

50000

40000

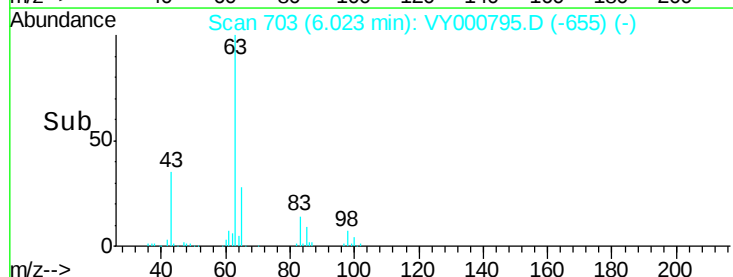
30000

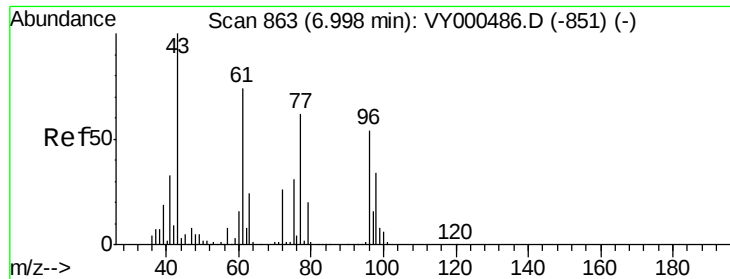
20000

10000

0

Time-->





#25

2-Butanone

Concen: 109.462 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 43 Resp: 148994

Ion Ratio Lower Upper

43 100

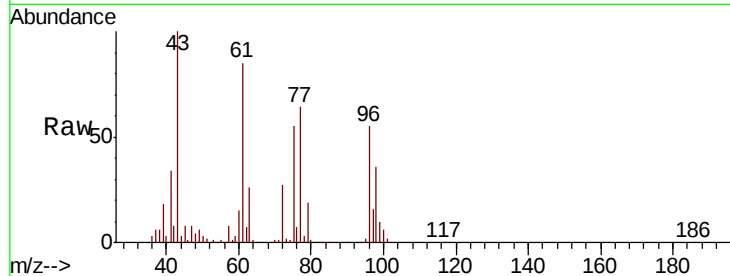
72 27.5 20.9 31.3

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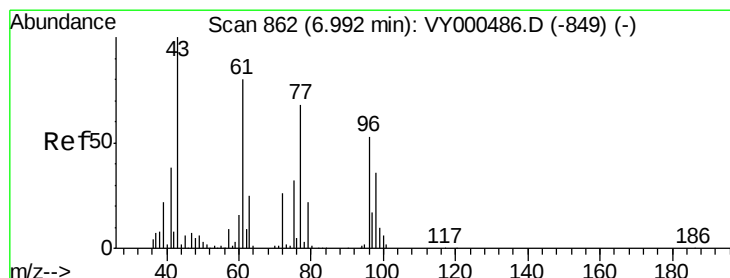
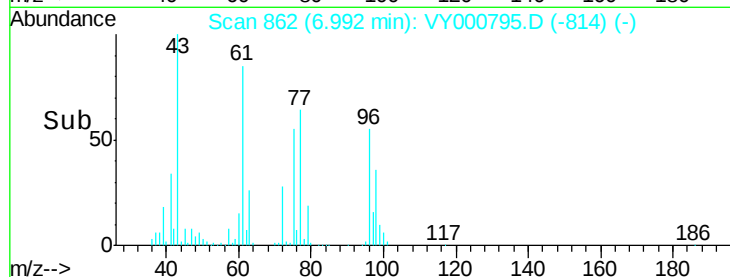
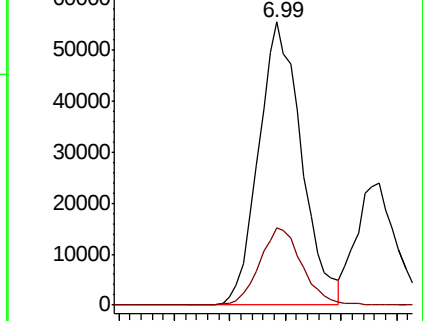
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 22.172 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000795.D

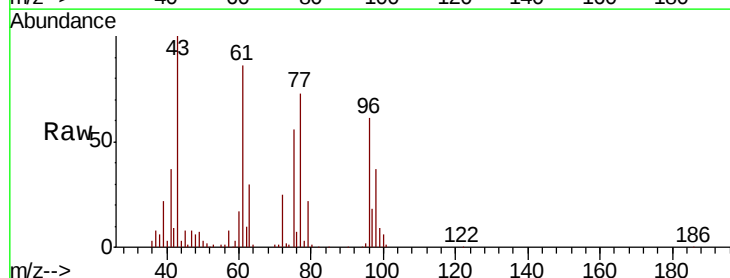
Acq: 26 Nov 2019 12:00

Tgt Ion: 77 Resp: 115882

Ion Ratio Lower Upper

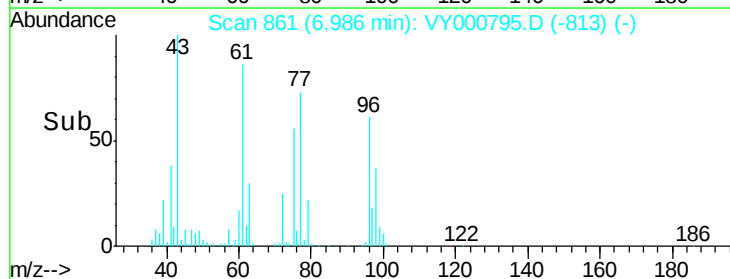
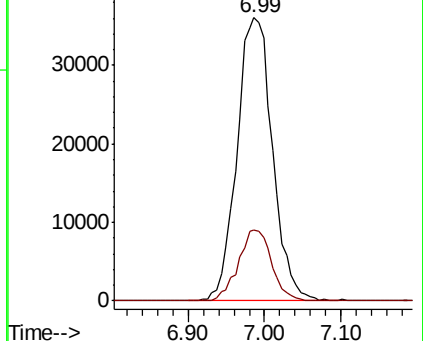
77 100

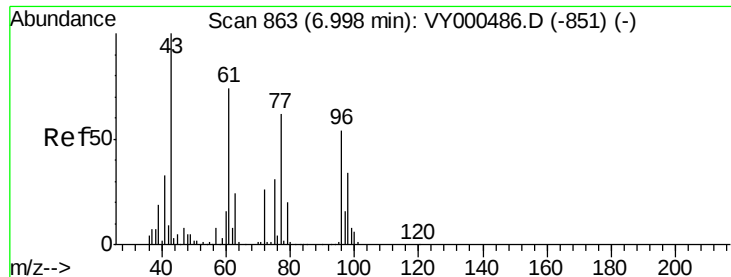
97 23.7 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

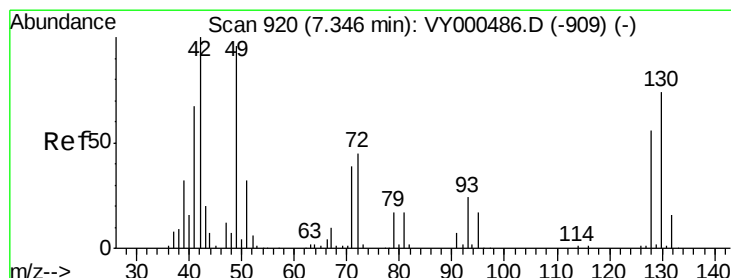
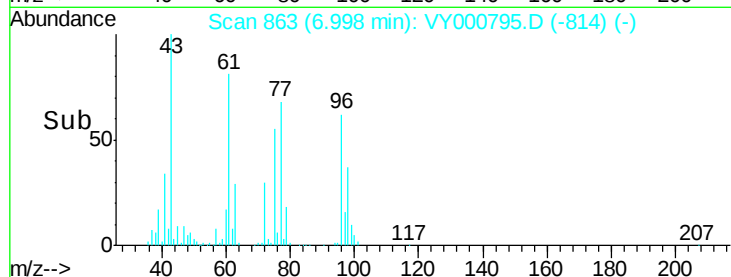
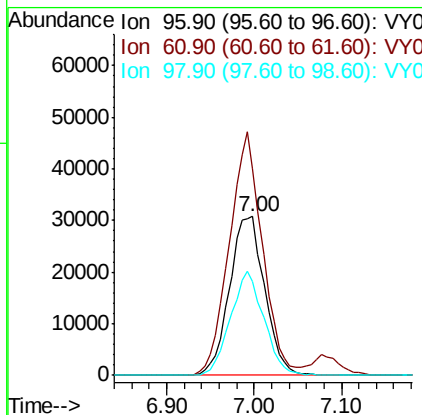
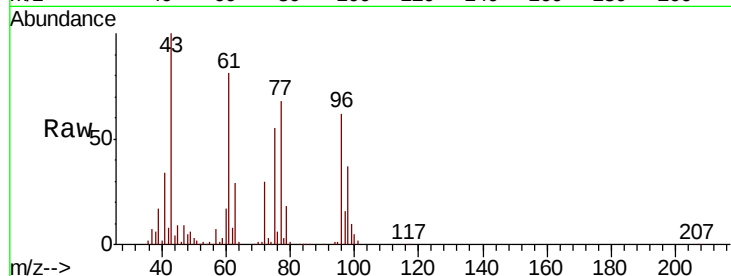
cis-1,2-Dichloroethene
Concen: 23.342 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	287.0
98	61.8	0.0	129.4

Manual Integrations
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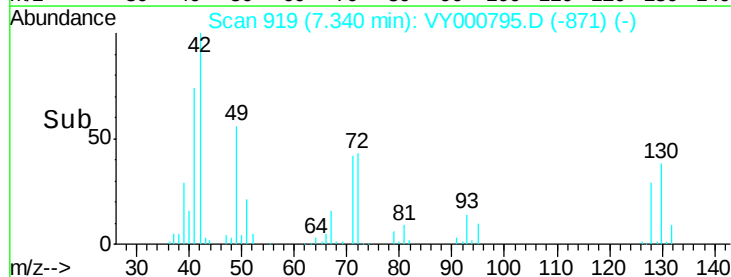
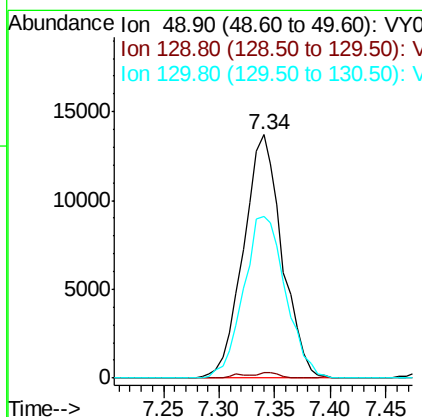
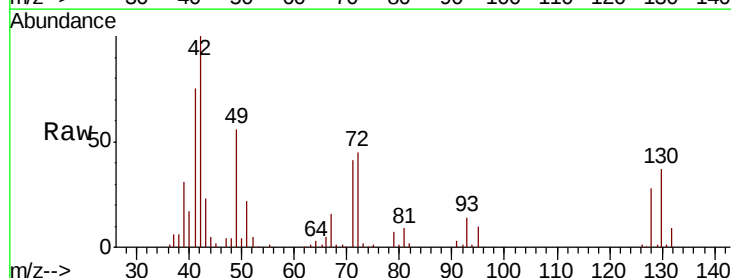
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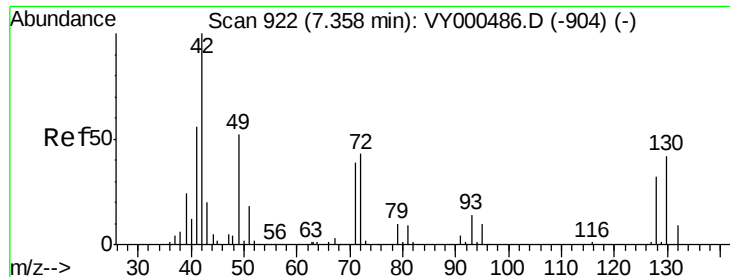


#28

Bromochloromethane
Concen: 15.719 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	72.5	59.4	89.0





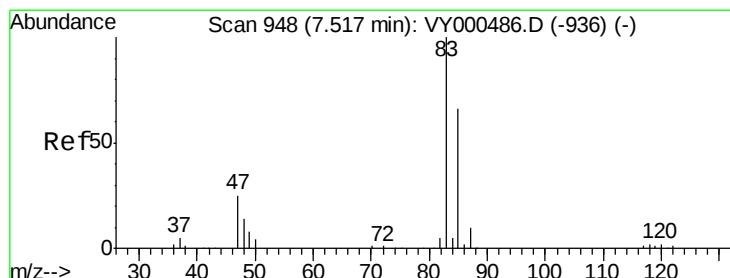
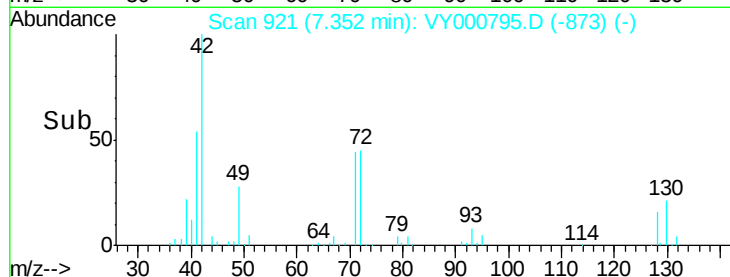
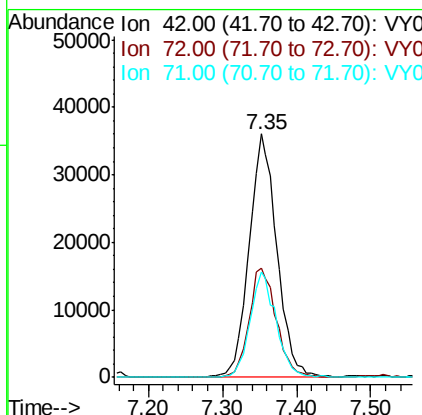
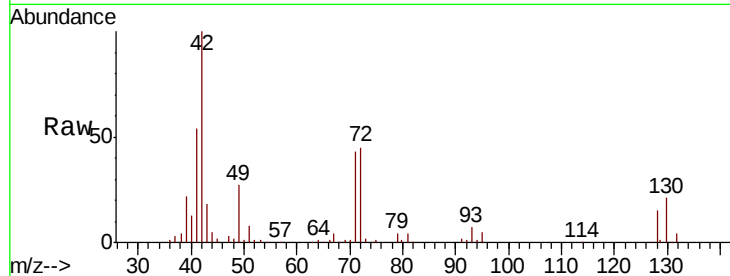
#29
Tetrahydrofuran
Concen: 113.050 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.0	51.0
71	40.4	30.8	46.2

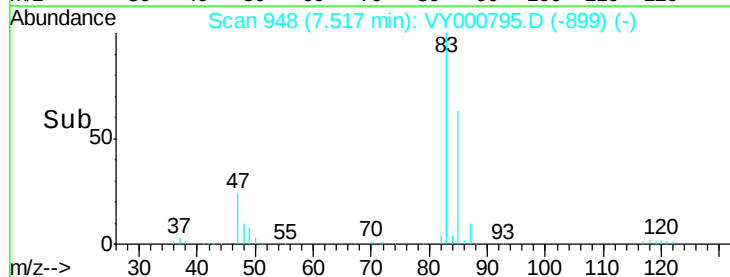
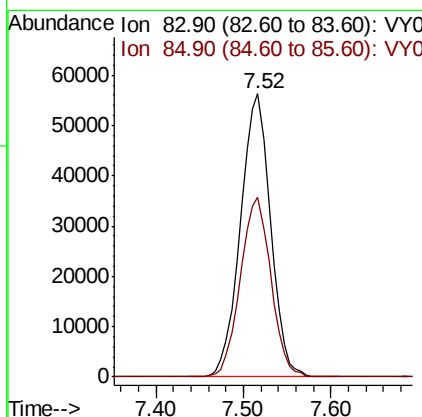
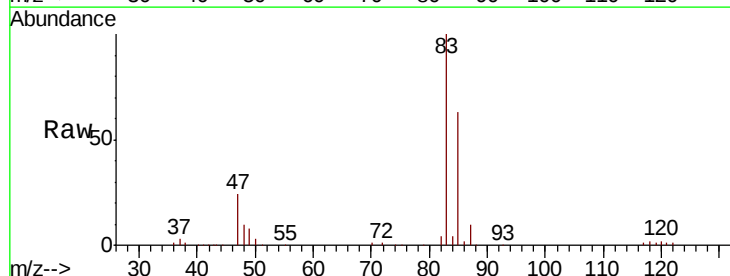
Manual Integrations
APPROVED

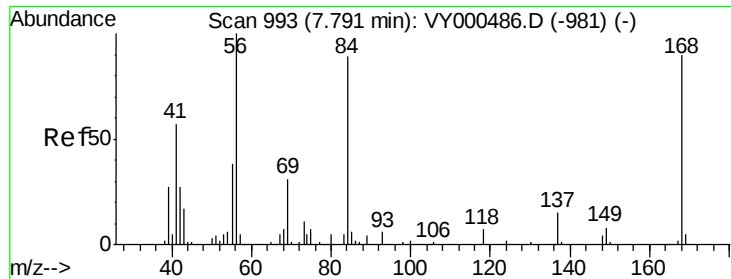
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#30
Chloroform
Concen: 23.278 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.0	79.4





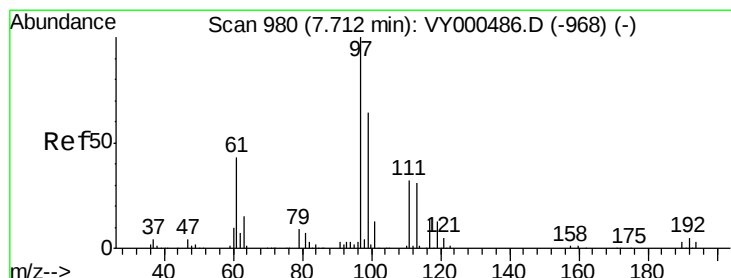
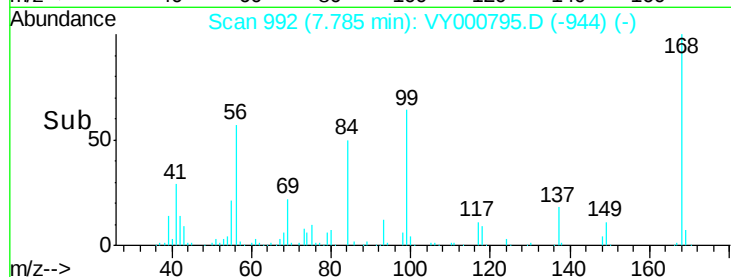
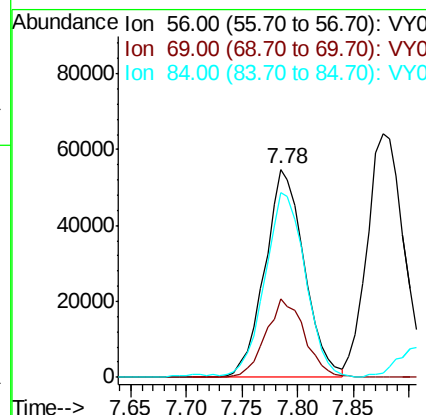
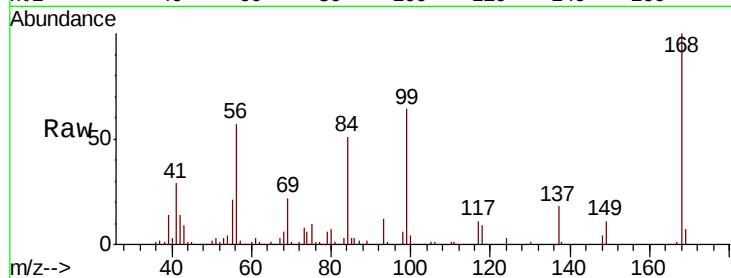
#31
Cyclohexane
Concen: 22.627 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.6	25.0	37.6#
84	87.2	71.4	107.2

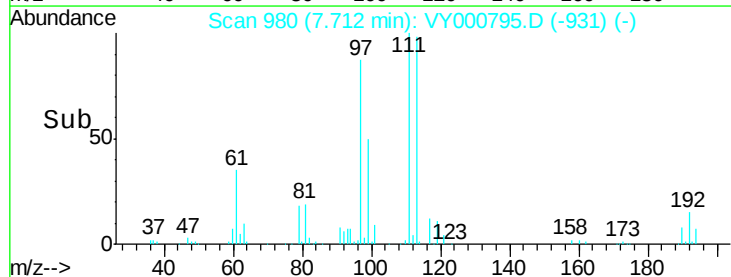
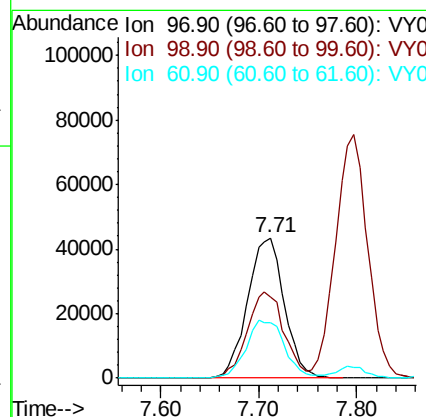
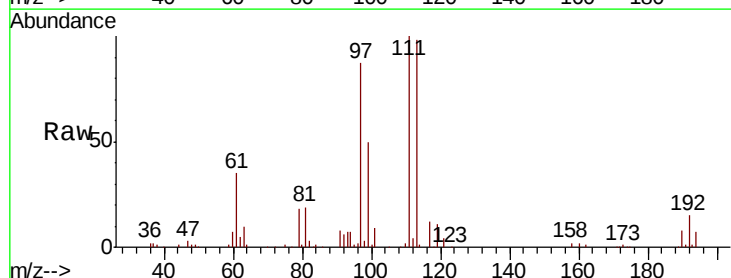
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 21.892 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.5	50.9	76.3
61	43.1	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 53.170 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 65 Resp: 164535

Ion Ratio Lower Upper

65 100

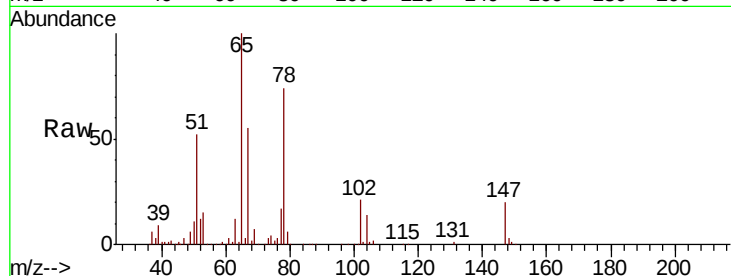
67 56.8 0.0 107.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

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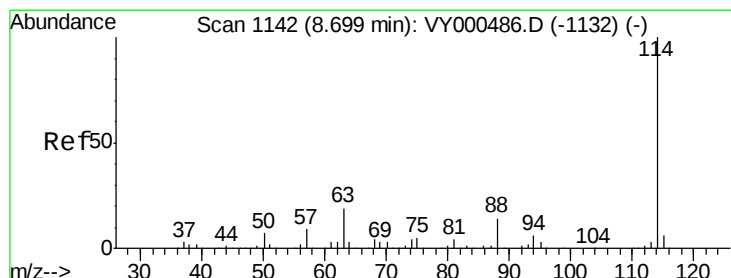
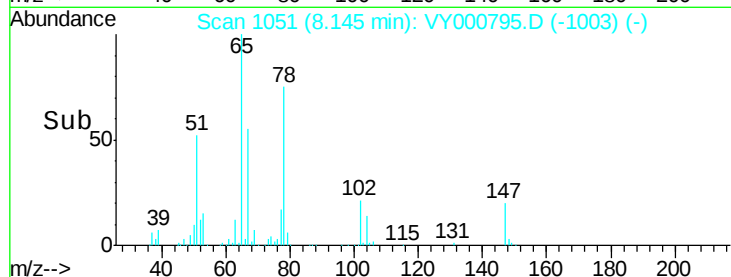
8.14

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

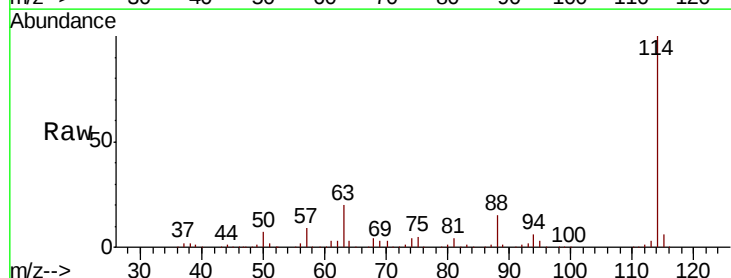
Tgt Ion: 114 Resp: 520431

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.0

88 14.6 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): VY000486.D (-1132) (-)

Ion 63.00 (62.70 to 63.70): VY000486.D (-1132) (-)

Ion 87.90 (87.60 to 88.60): VY000486.D (-1132) (-)

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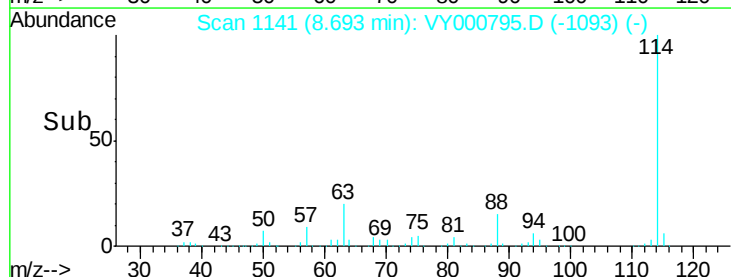
8.69

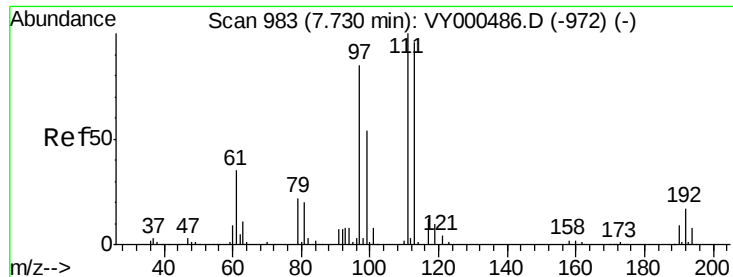
8.69

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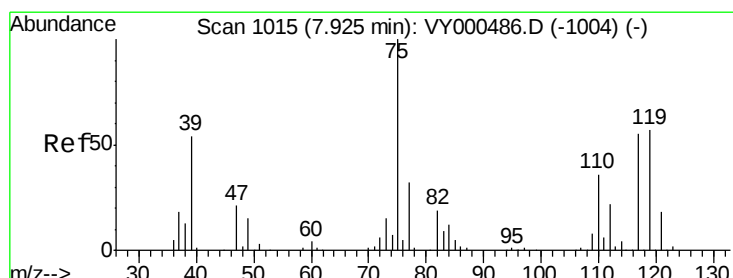
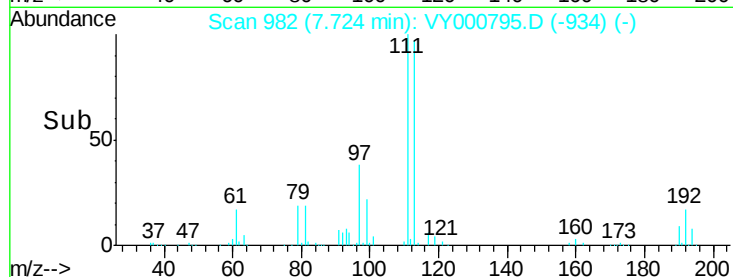
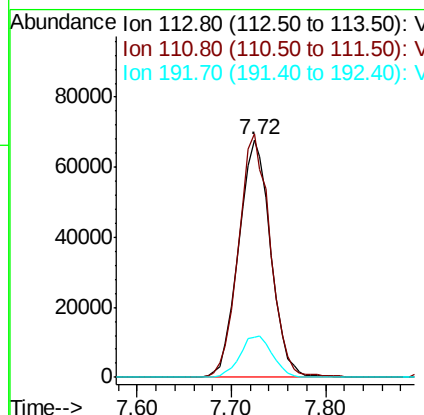
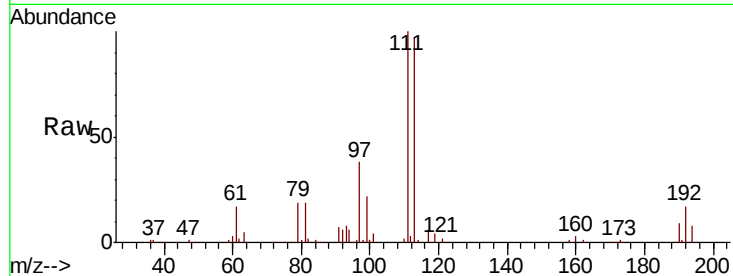
#35
 Dibromofluoromethane
 Concen: 52.662 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	160897		
111	101.7	81.7	122.5	
192	17.8	15.0	22.4	

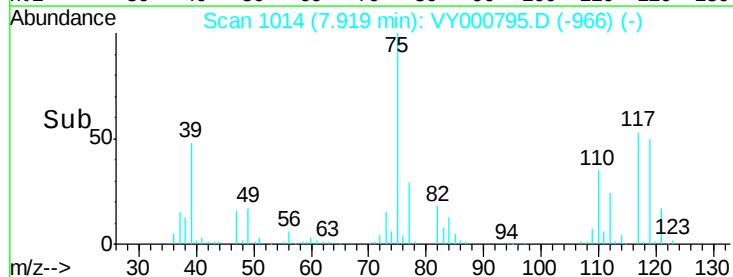
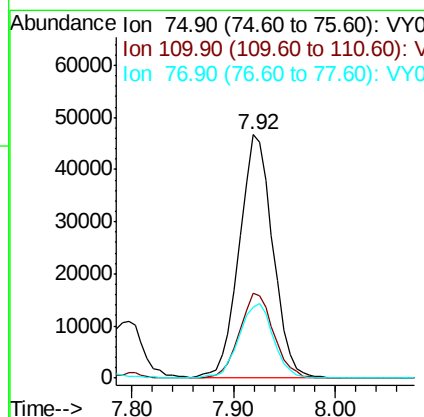
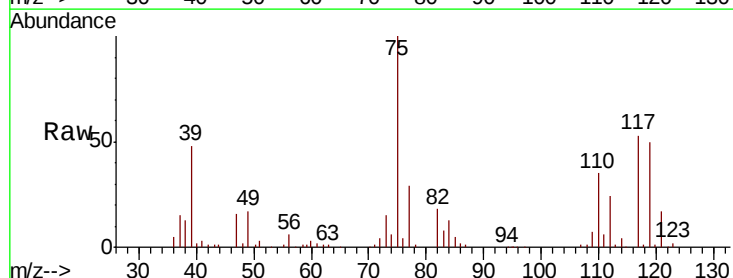
Manual Integrations
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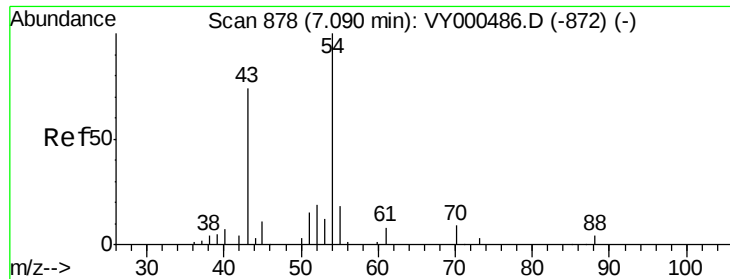
apatel
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#36
 1,1-Dichloropropene
 Concen: 21.551 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	106031		
110	35.5	18.1	54.1	
77	31.7	25.0	37.6	





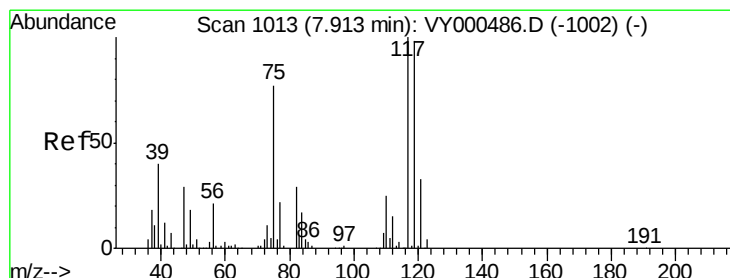
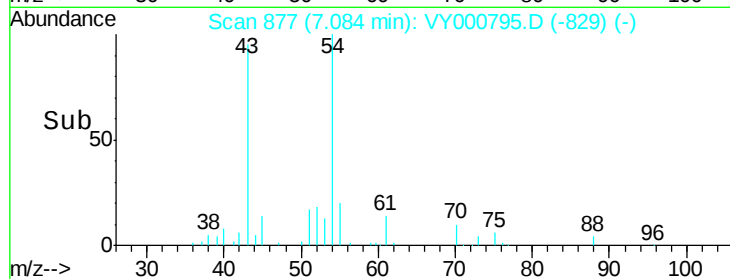
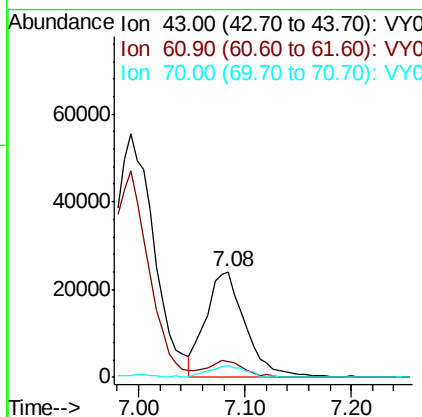
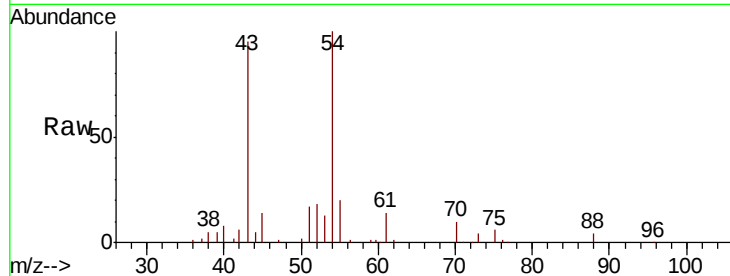
#37
Ethyl Acetate
Concen: 21.000 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.2	15.2
70	10.0	7.8	11.8

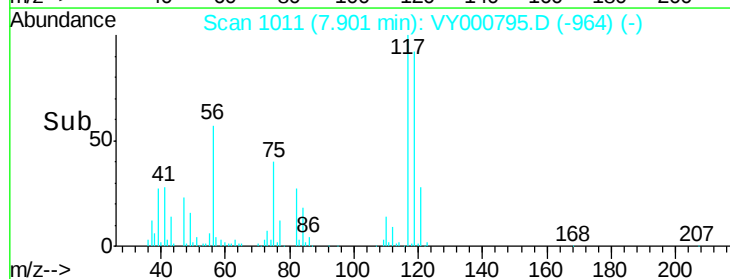
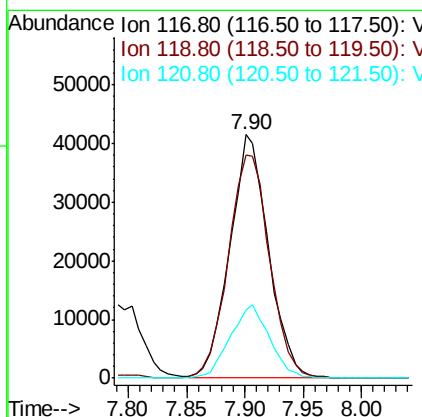
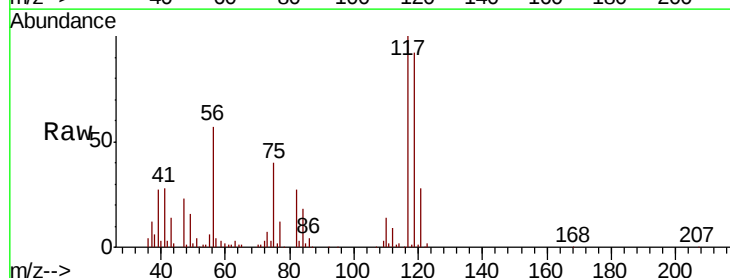
Manual Integrations
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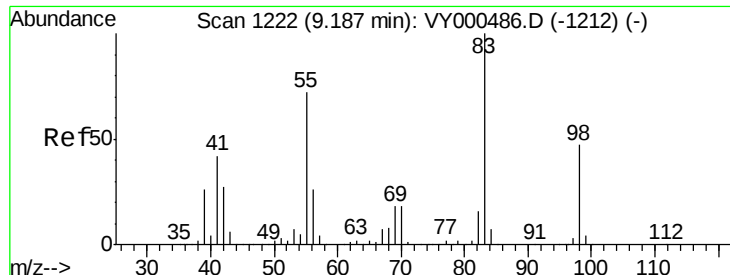
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#38
Carbon Tetrachloride
Concen: 20.211 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	78.0	117.0
121	27.9	26.6	40.0





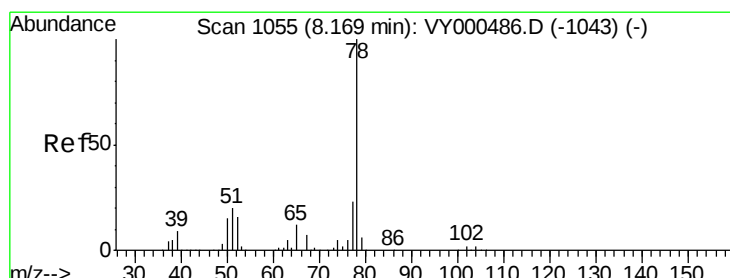
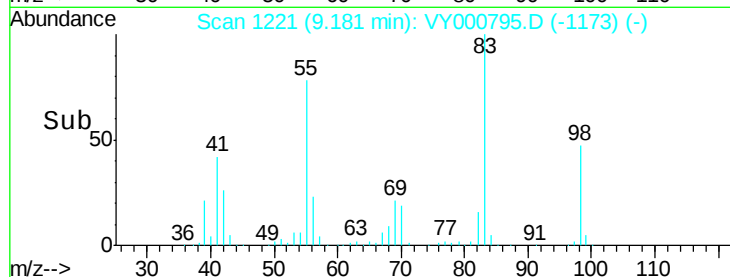
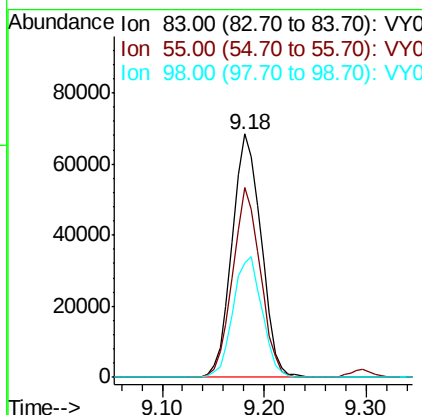
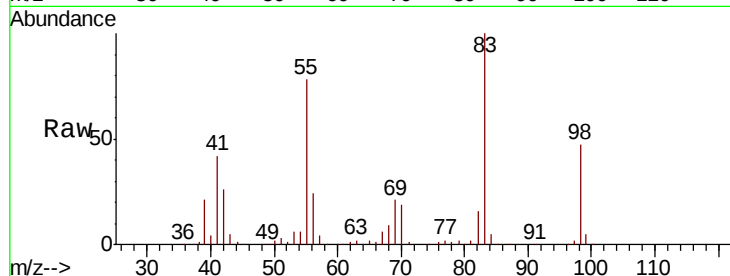
#39
Methvlcvclohexane
Concen: 21.191 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	57.5	86.3
98	47.0	38.0	57.0

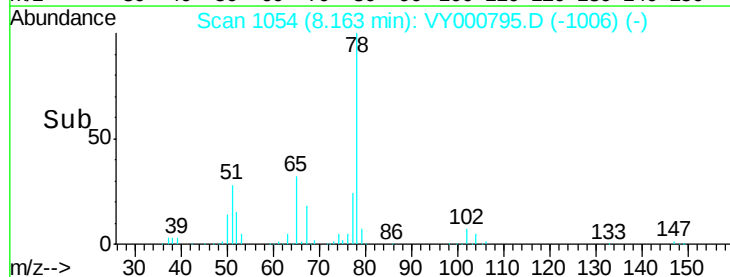
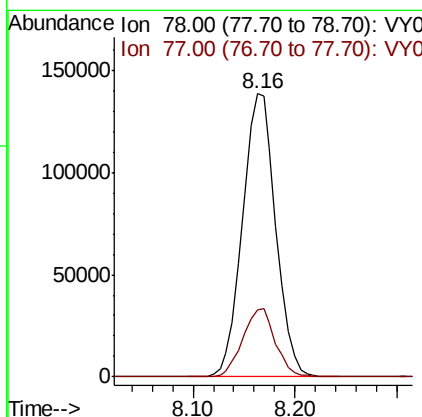
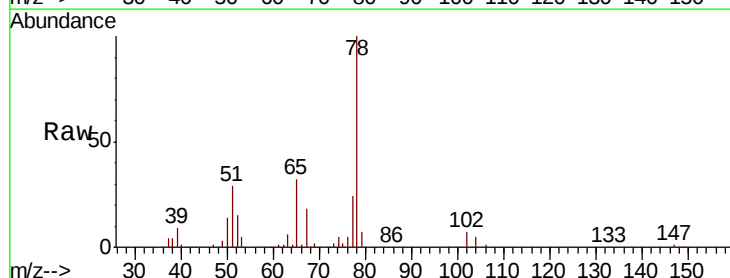
Manual Integrations
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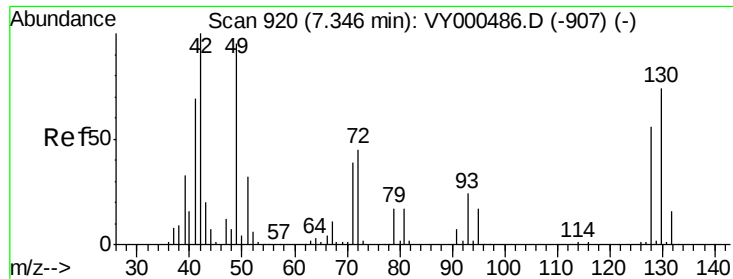
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#40
Benzene
Concen: 21.743 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





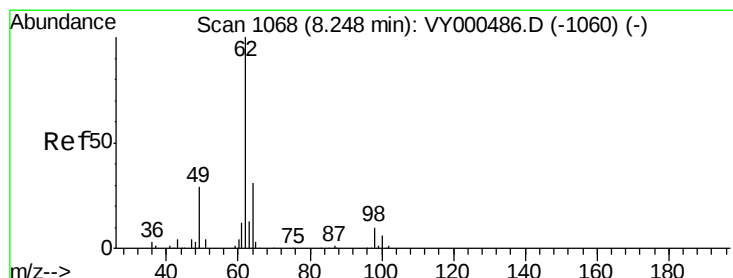
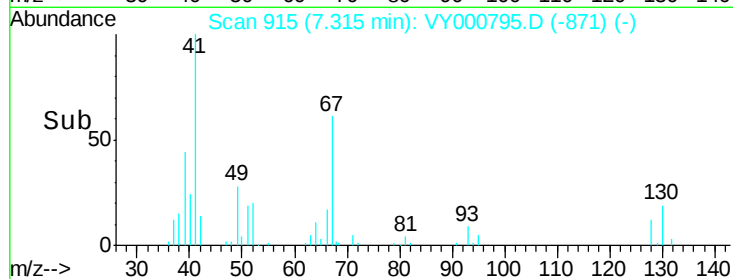
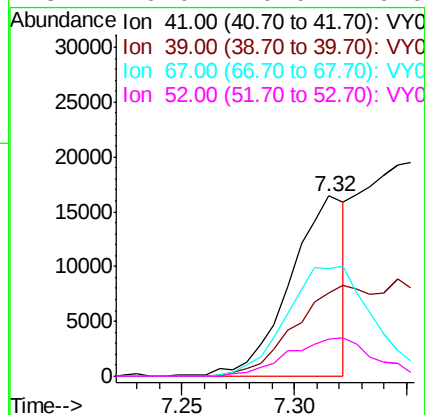
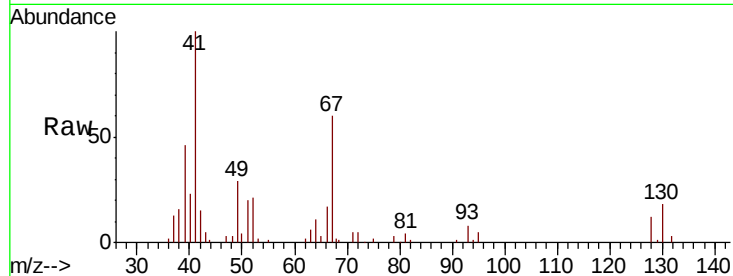
#41
Methacrylonitrile
Concen: 17.283 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.03 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	41	Resp	28162
Ion	Ratio	Lower	Upper
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

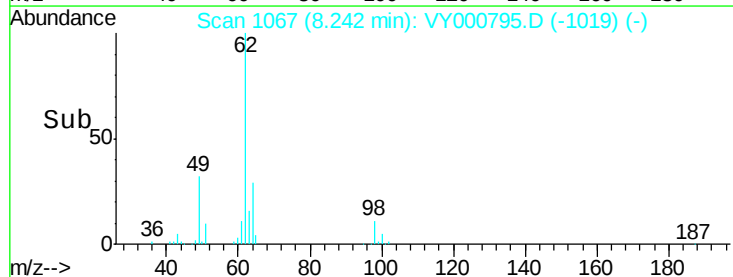
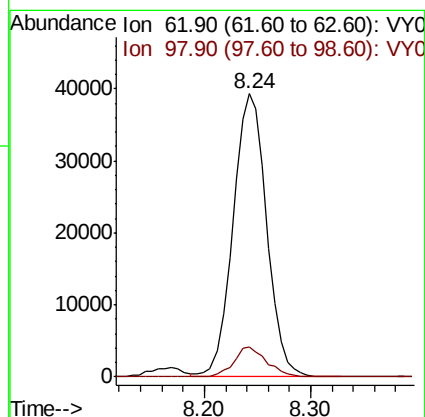
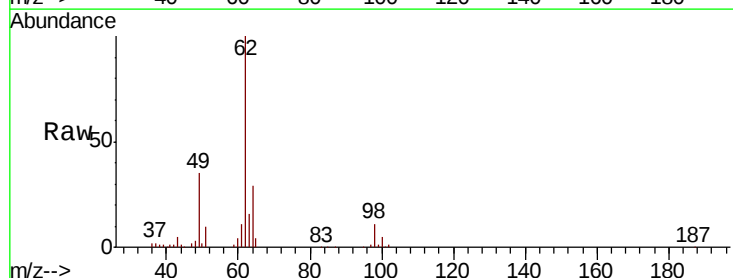
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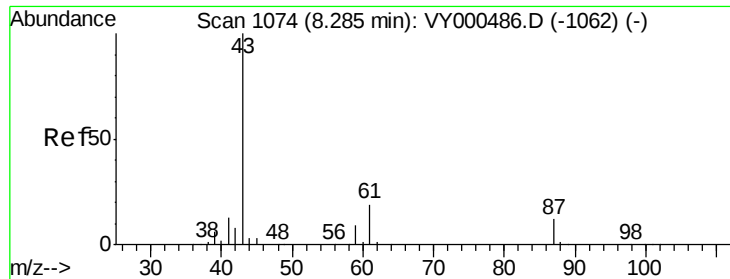
apatel
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#42
1,2-Dichloroethane
Concen: 21.258 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	62	Resp	86966
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 21.855 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

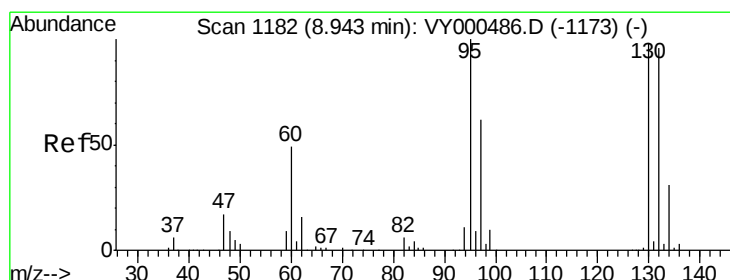
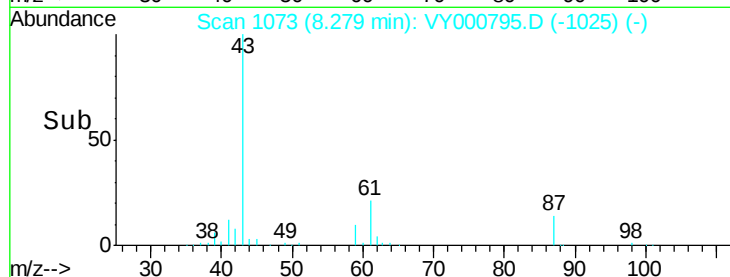
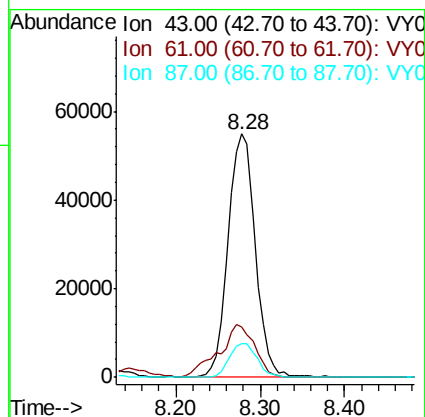
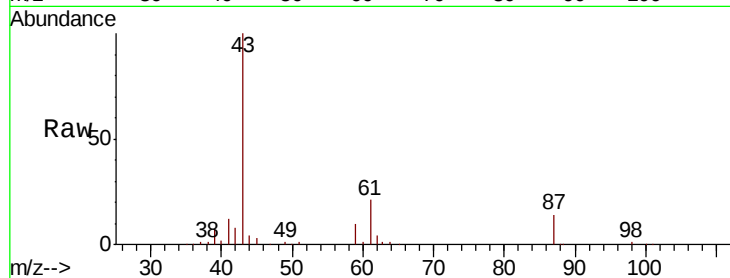
ClientSampleId :

VY1126SBS01

Tot Ion:	43	Resp:	119921
Ion	Ratio	Lower	Upper
43	100		
61	28.8	23.0	34.4
87	14.1	10.5	15.7

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#44

Trichloroethene

Concen: 21.722 ug/l

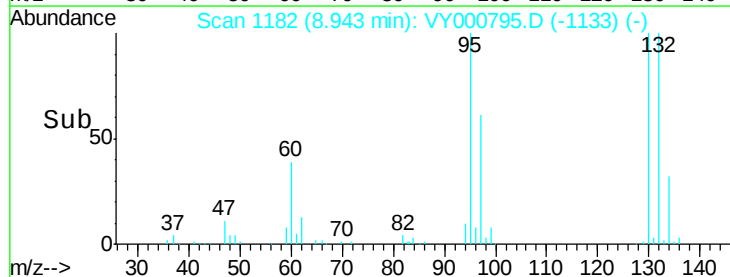
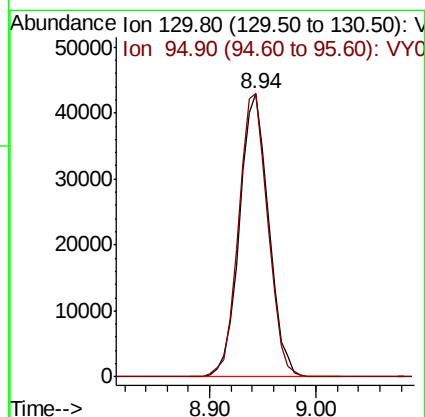
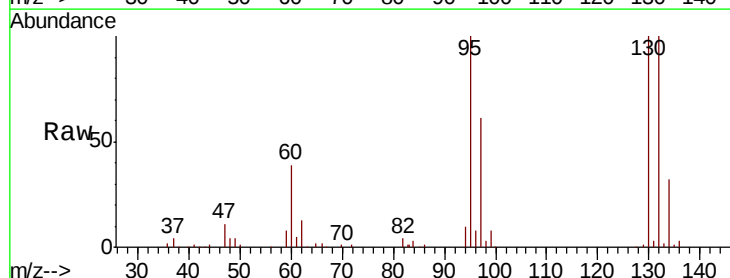
RT: 8.94 min Scan# 1182

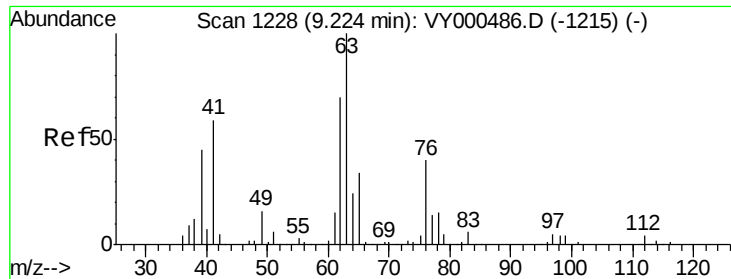
Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion:	130	Resp:	82612
Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	203.2





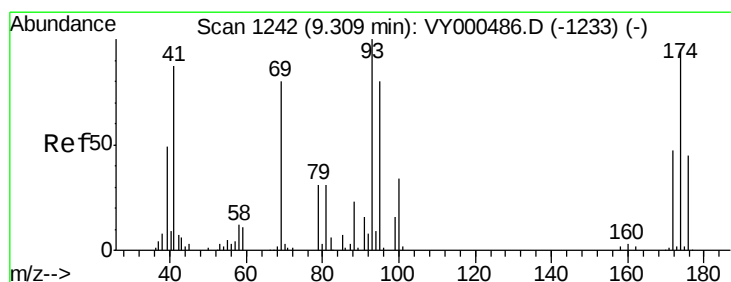
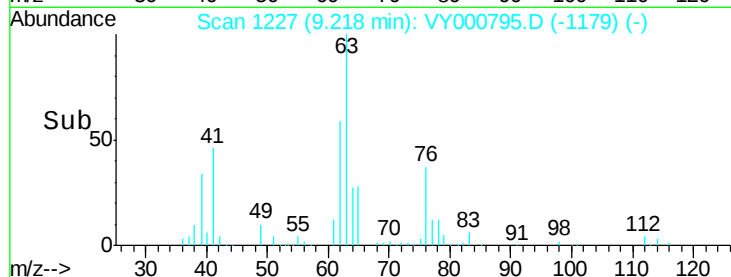
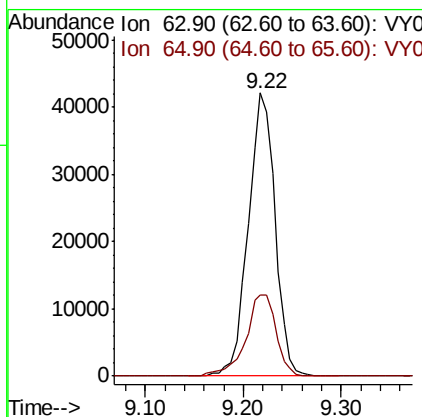
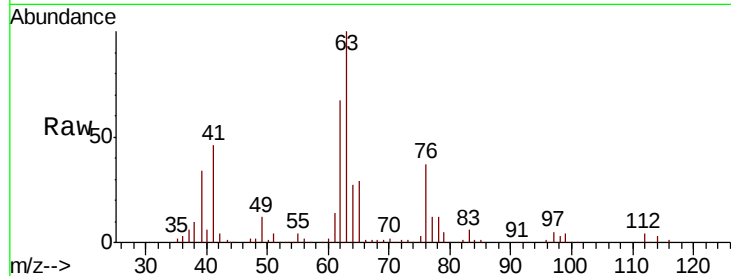
#45
 1,2-Dichloropropane
 Concen: 22.582 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion: 63 Resp: 80165
 Ion Ratio Lower Upper
 63 100
 65 28.7 27.0 40.4

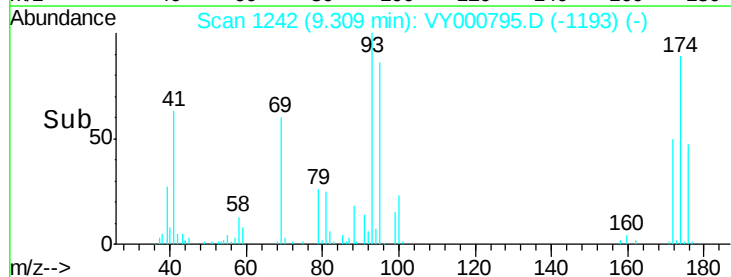
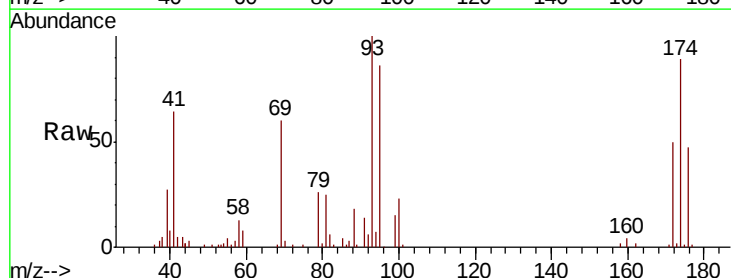
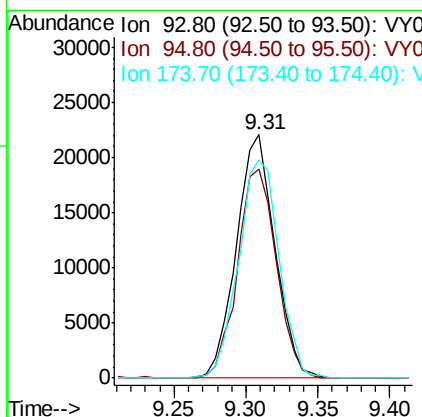
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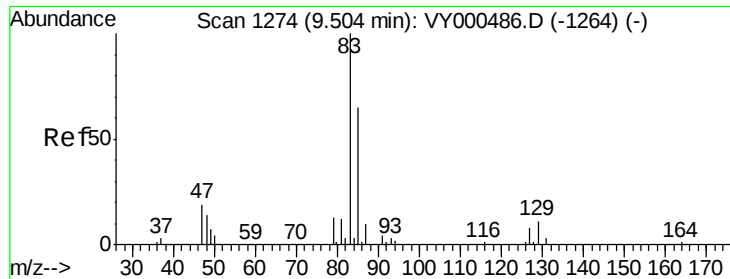
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#46
 Dibromomethane
 Concen: 21.003 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion: 93 Resp: 41005
 Ion Ratio Lower Upper
 93 100
 95 86.6 66.4 99.6
 174 94.4 77.1 115.7





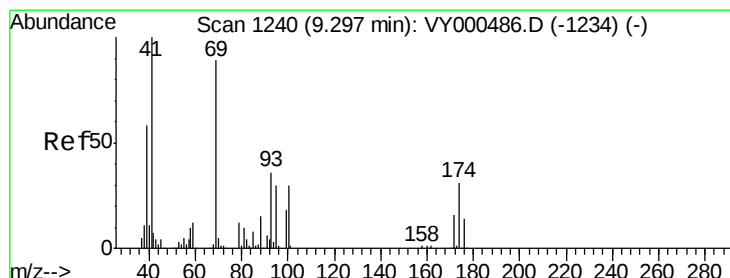
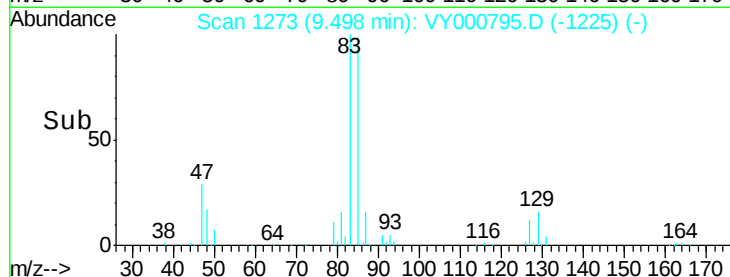
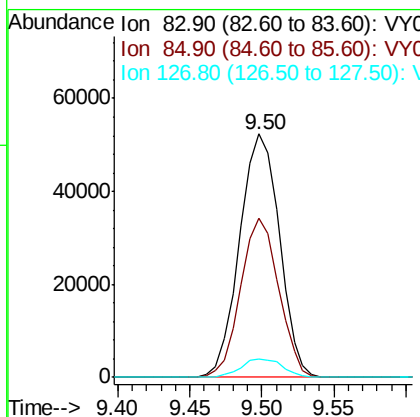
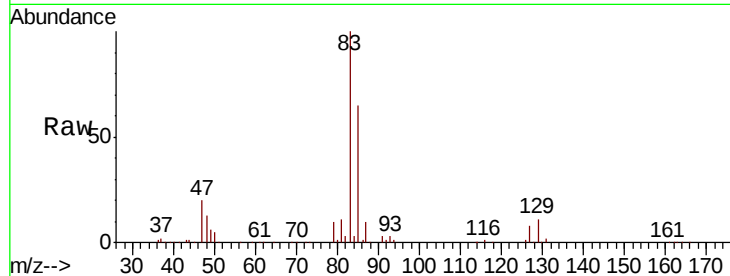
#47
Bromodichloromethane
Concen: 21.666 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.2	51.8	77.8	
127	7.7	6.7	10.1	

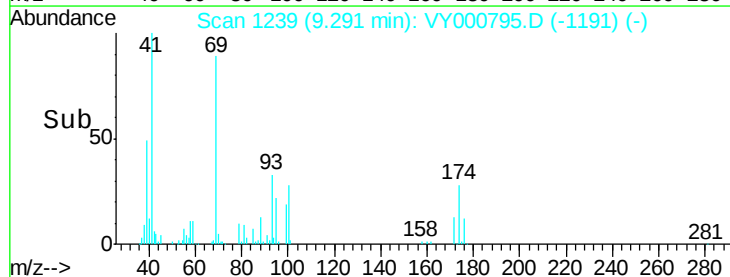
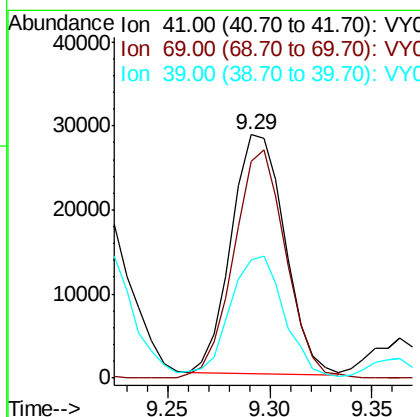
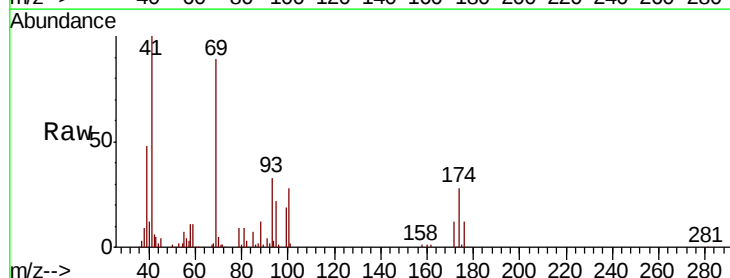
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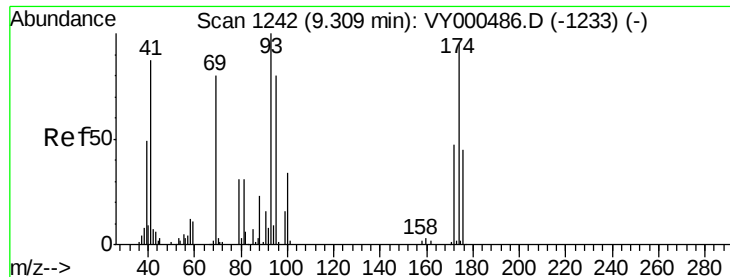
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#48
Methyl methacrylate
Concen: 21.634 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	92.8	72.5	108.7	
39	52.2	47.8	71.8	





#49

1,4-Dioxane

Concen: 466.280 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

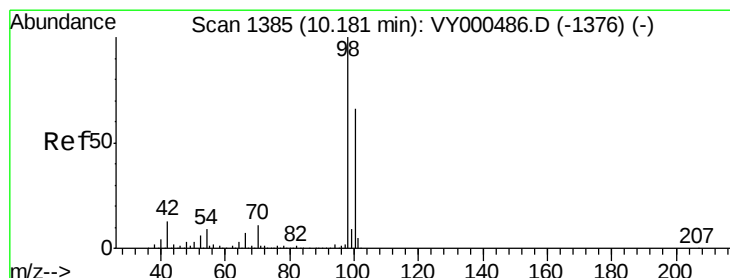
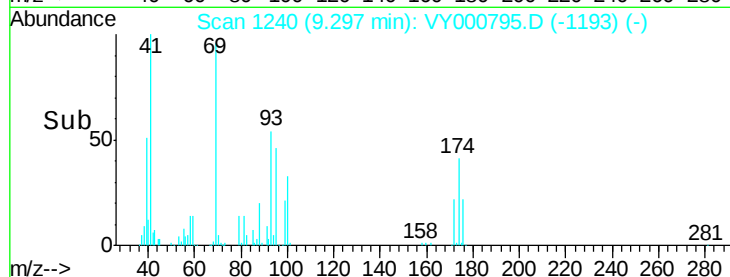
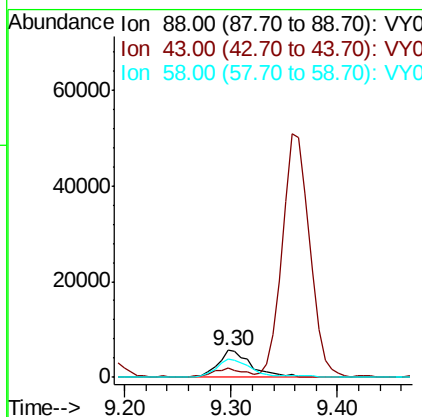
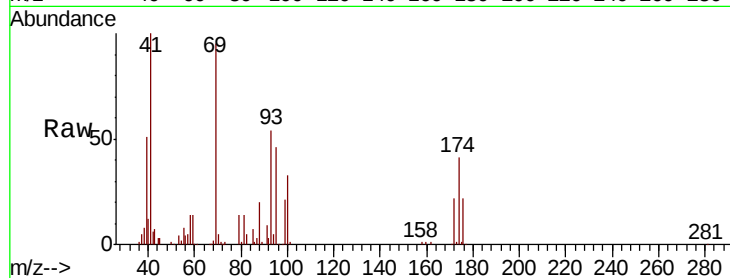
ClientSampleId :

VY1126SBS01

Tot Ion:	88	Resp:	12252
Ion	Ratio	Lower	Upper
88	100		
43	30.9	25.1	37.7
58	68.0	50.6	75.8

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#50

Toluene-d8

Concen: 55.386 ug/l

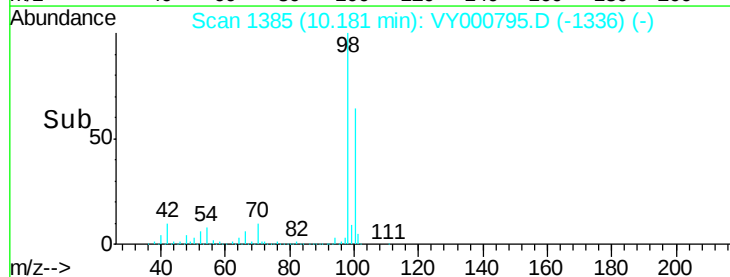
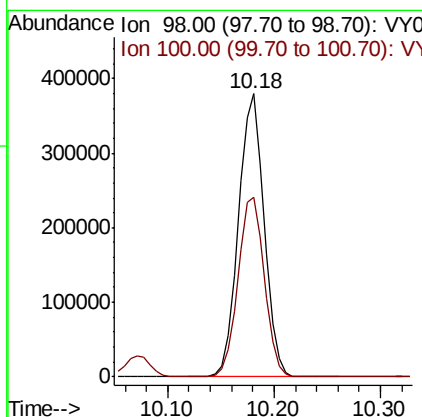
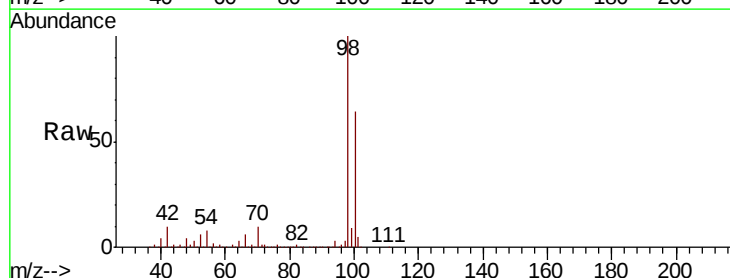
RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion:	98	Resp:	642094
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 108.859 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 43 Resp: 317578

Ion Ratio Lower Upper

43 100

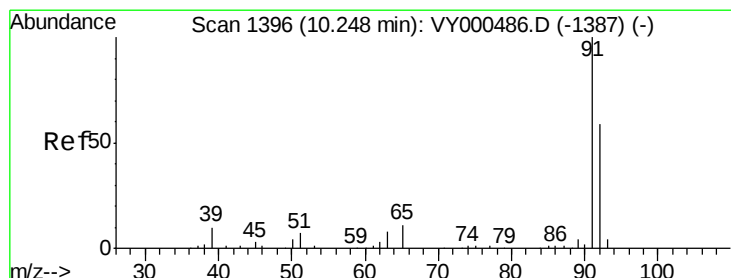
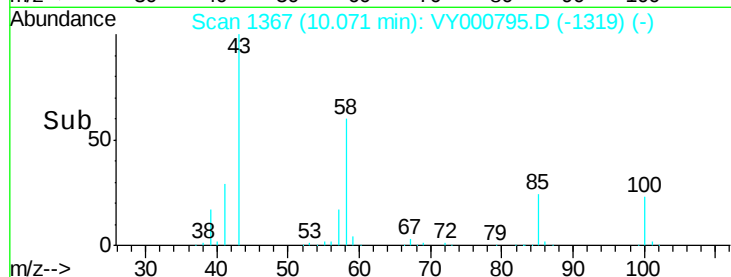
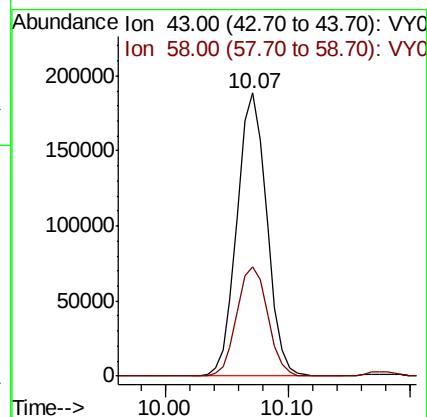
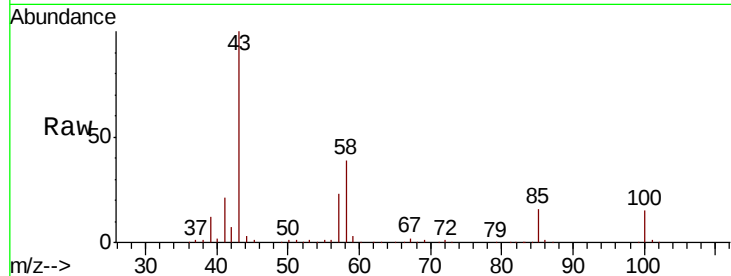
58 40.1 30.2 45.4

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#52

Toluene

Concen: 21.266 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000795.D

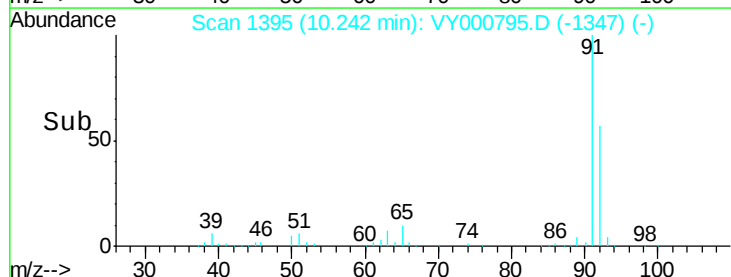
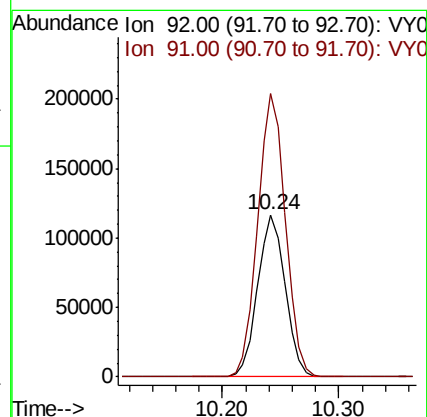
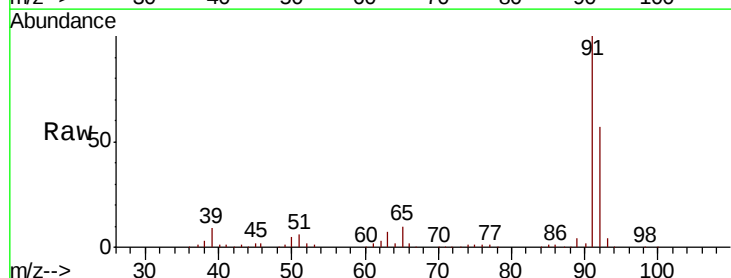
Acq: 26 Nov 2019 12:00

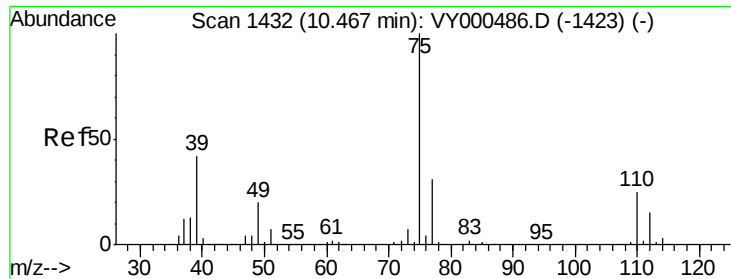
Tgt Ion: 92 Resp: 193930

Ion Ratio Lower Upper

92 100

91 174.8 136.3 204.5





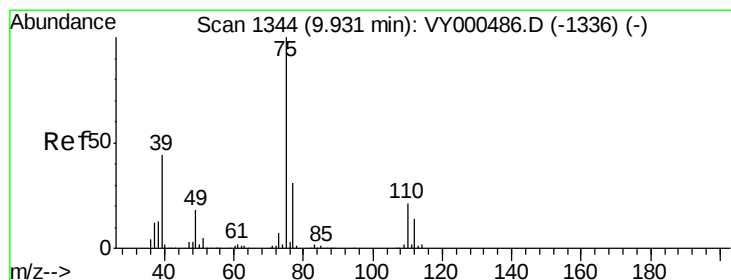
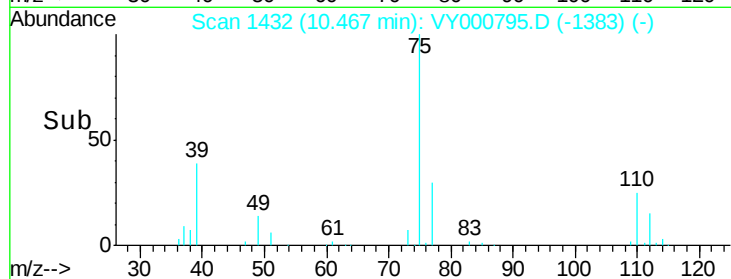
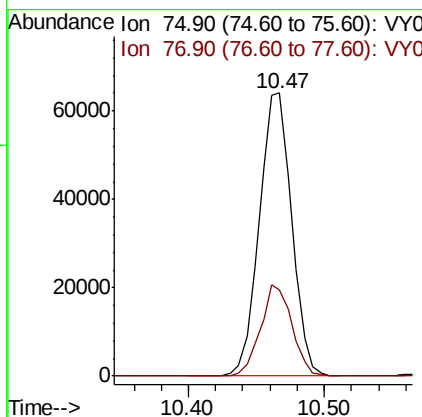
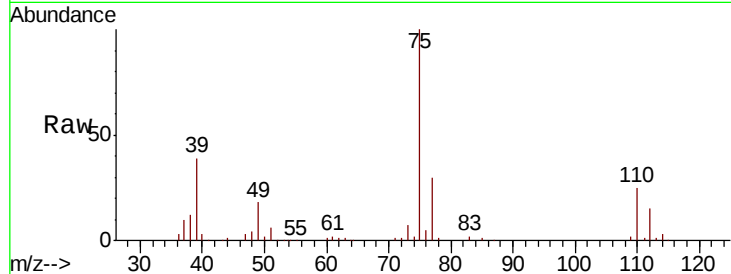
#53
 t-1,3-Dichloropropene
 Concen: 21.714 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion: 75 Resp: 107481
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 37.0

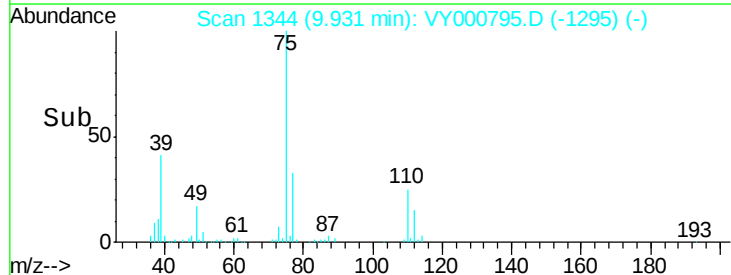
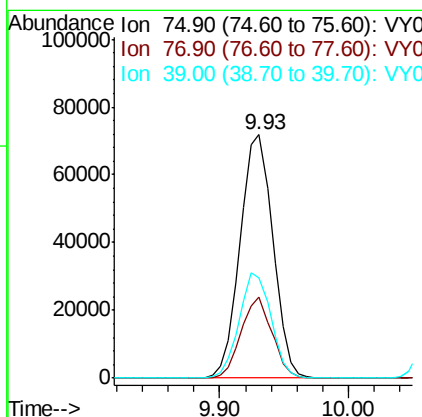
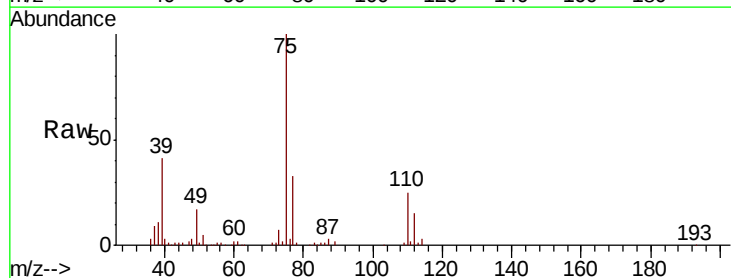
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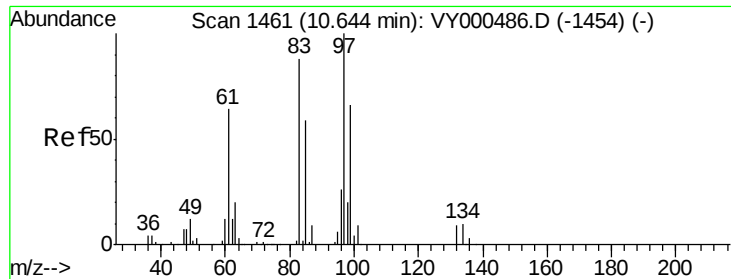
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#54
 cis-1,3-Dichloropropene
 Concen: 22.309 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion: 75 Resp: 126507
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.5 36.7
 39 41.1 35.4 53.2





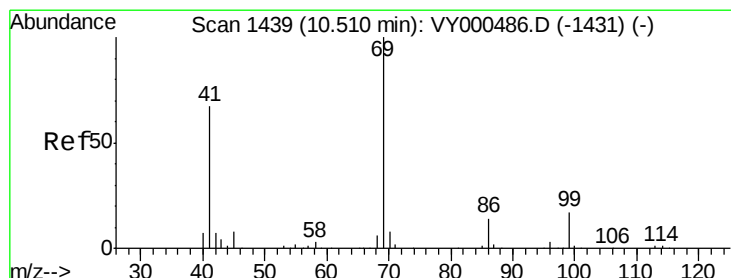
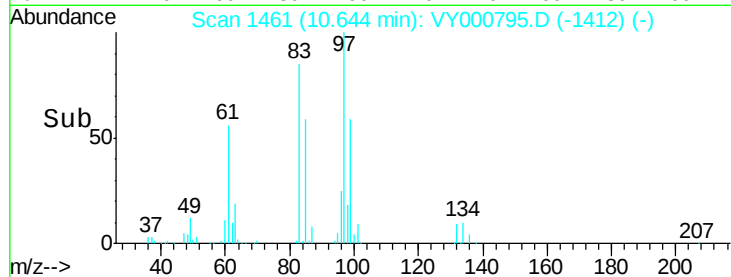
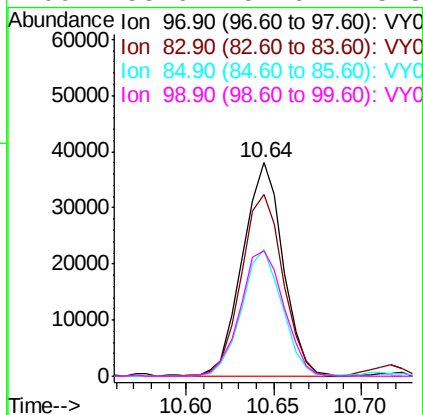
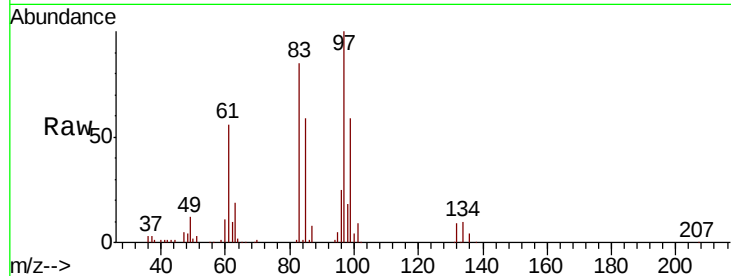
#55
 1,1,2-Trichloroethane
 Concen: 21.705 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.4
85	59.2	46.9	70.3
99	58.6	52.6	78.8

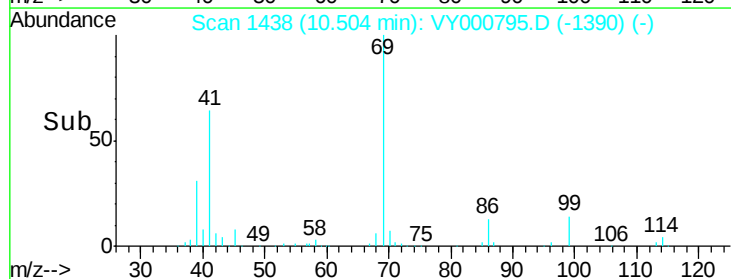
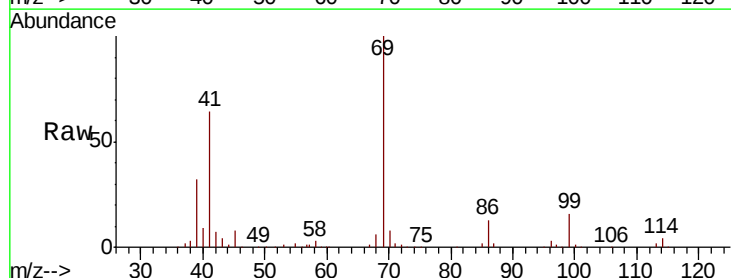
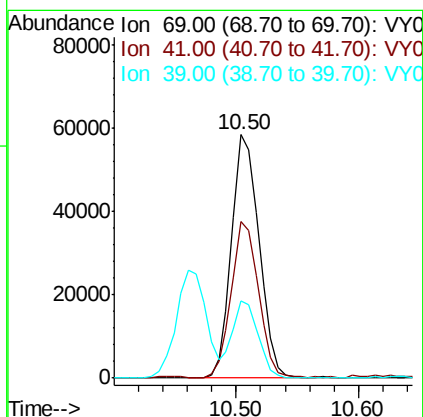
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#56
 Ethyl methacrylate
 Concen: 22.827 ug/l
 RT: 10.50 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.8	53.3	79.9
39	30.2	28.0	42.0





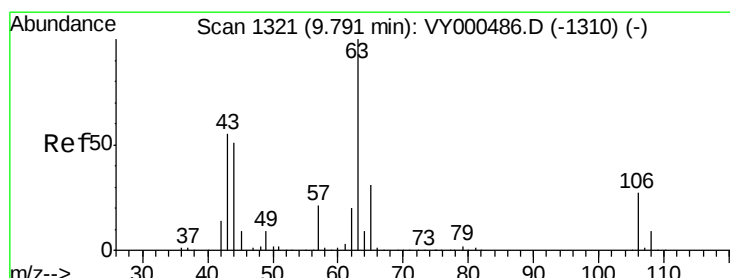
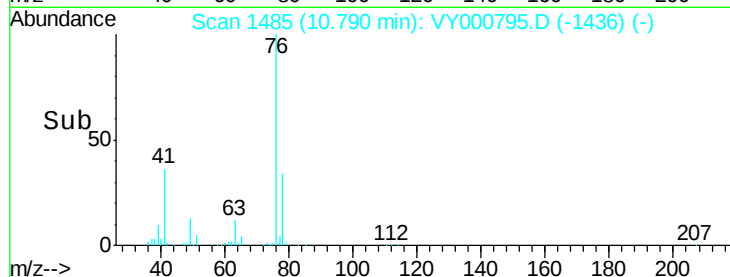
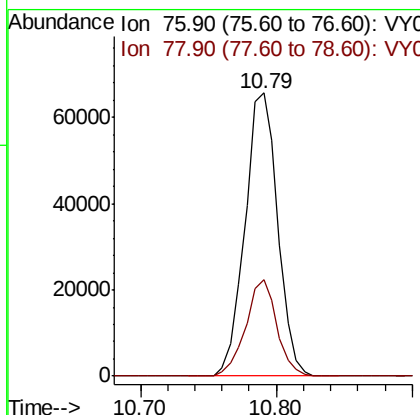
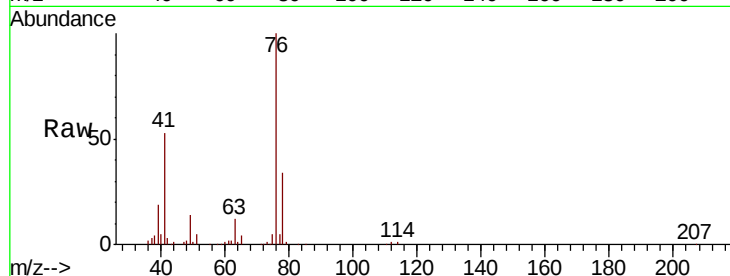
#57
 1,3-Dichloropropane
 Concen: 22.379 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion: 76 Resp: 110606
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8

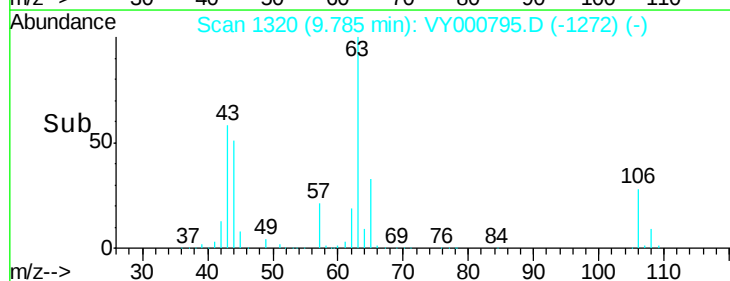
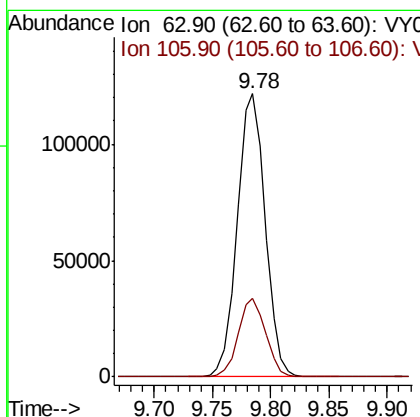
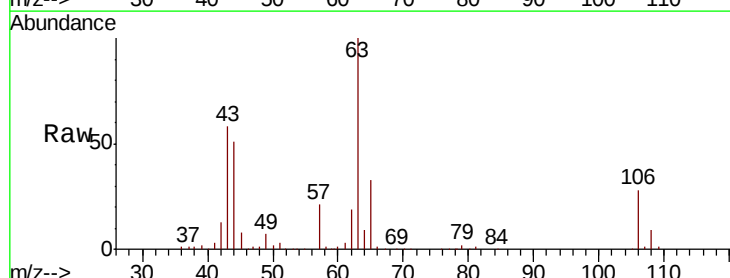
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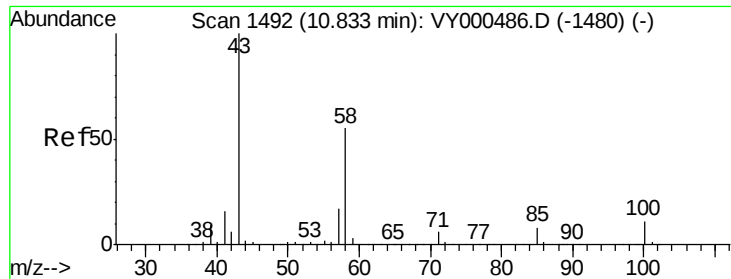
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#58
 2-Chloroethyl Vinyl ether
 Concen: 112.684 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion: 63 Resp: 203894
 Ion Ratio Lower Upper
 63 100
 106 27.2 22.6 33.8





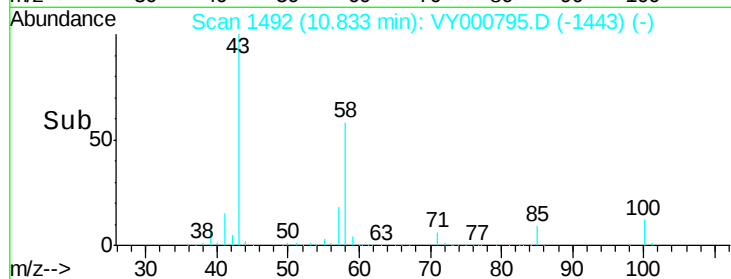
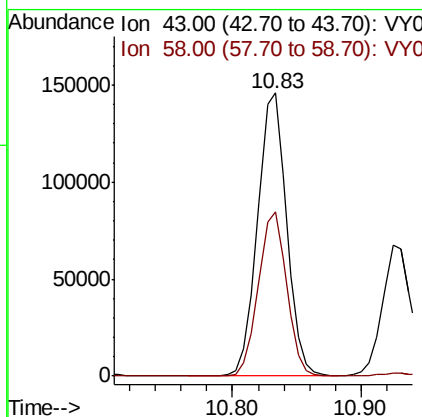
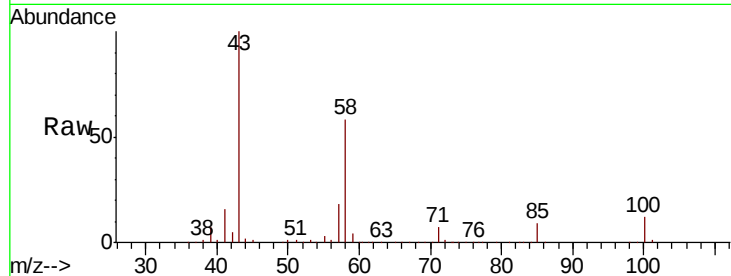
#59
2-Hexanone
Concen: 106.961 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion: 43 Resp: 227351
Ion Ratio Lower Upper
43 100
58 56.7 27.1 81.3

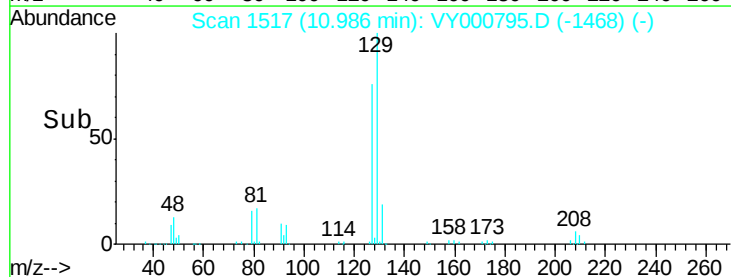
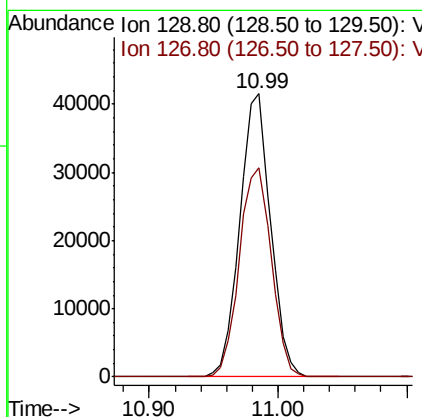
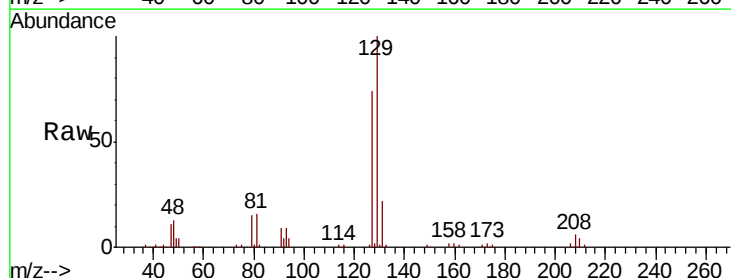
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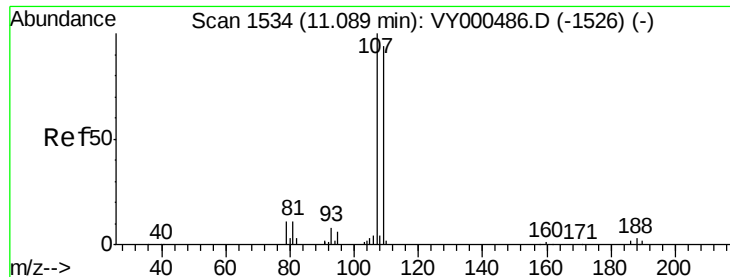
apatel
11/27/2019 5:14:28 PM



#60
Dibromochloromethane
Concen: 21.182 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion: 129 Resp: 68515
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





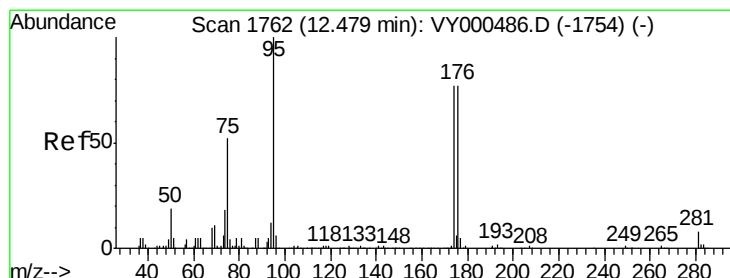
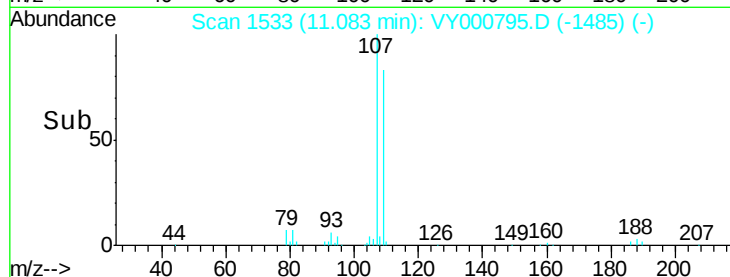
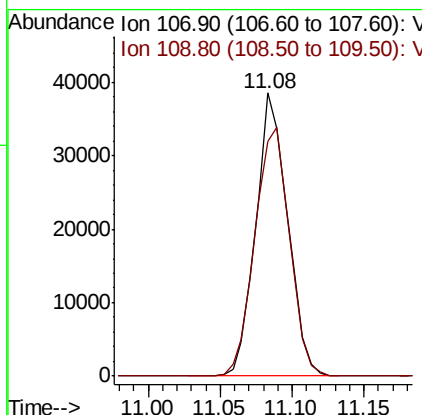
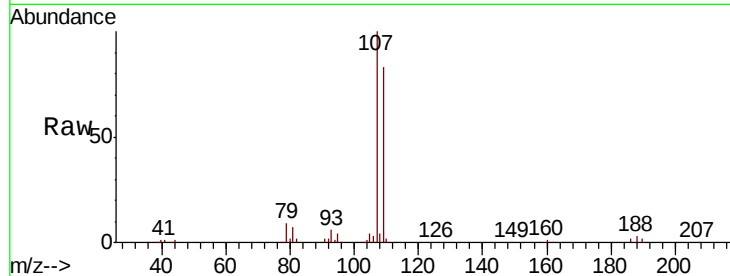
#61
 1,2-Dibromoethane
 Concen: 21.637 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion: 107 Resp: 58747
 Ion Ratio Lower Upper
 107 100
 109 95.8 73.6 110.4

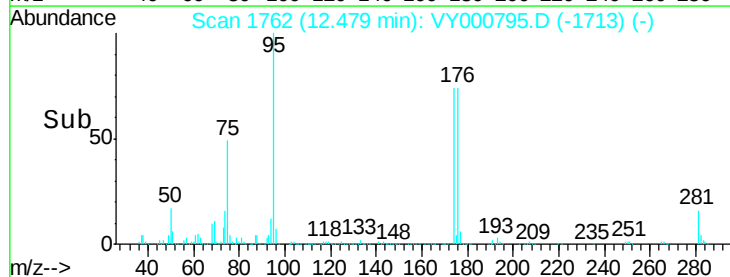
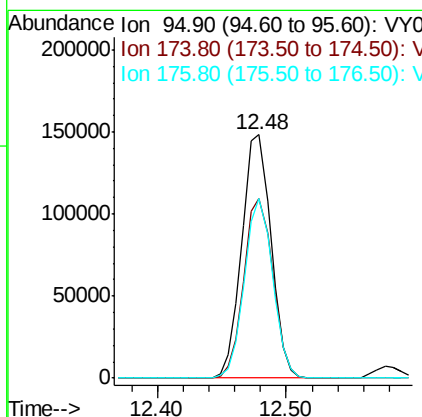
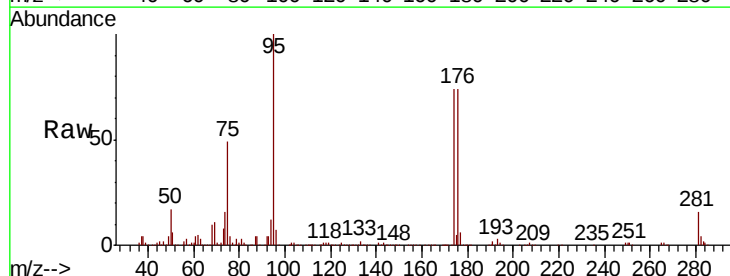
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#62
 4-Bromofluorobenzene
 Concen: 52.763 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion: 95 Resp: 232866
 Ion Ratio Lower Upper
 95 100
 174 73.5 0.0 161.6
 176 70.8 0.0 157.8





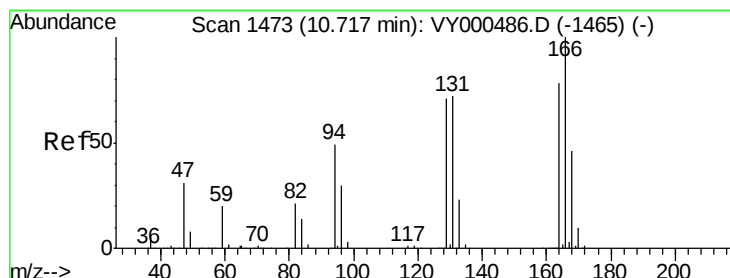
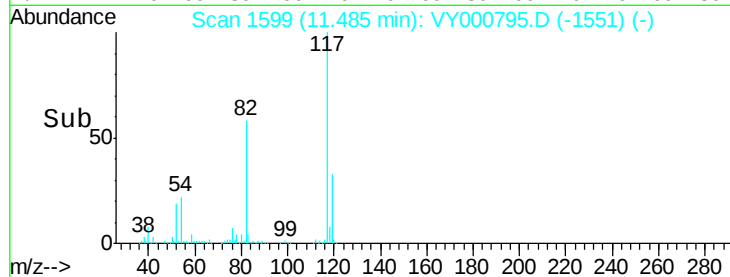
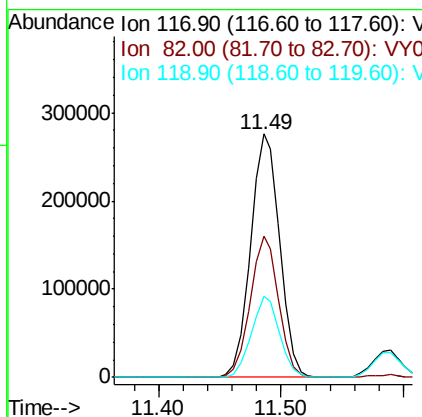
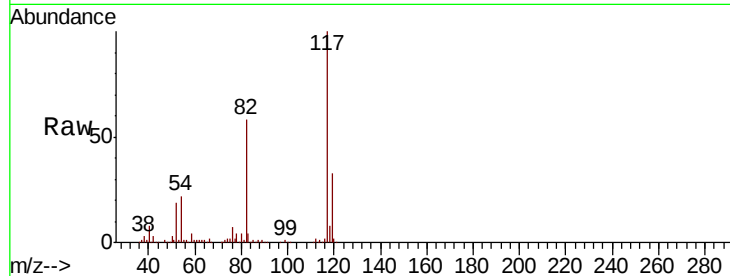
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	40.8	61.2
119	33.1	26.2	39.2

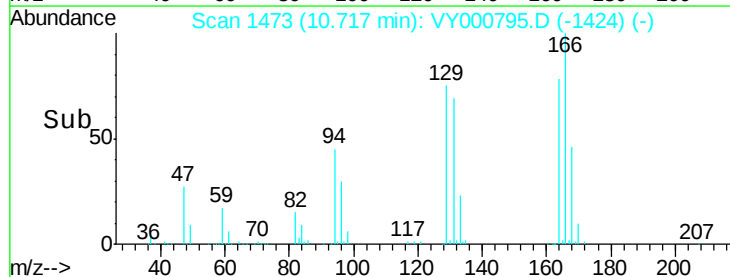
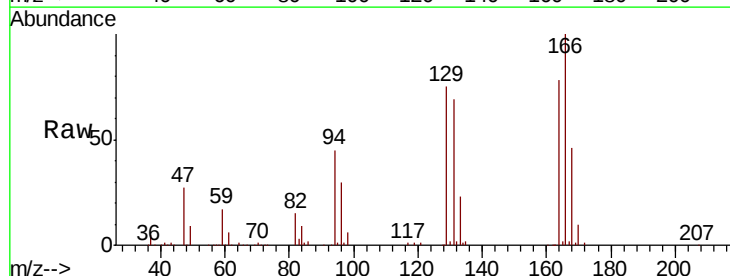
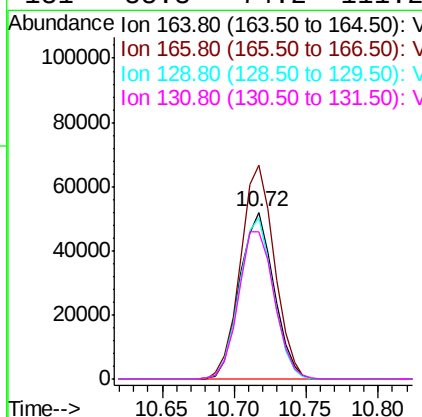
Manual Integrations
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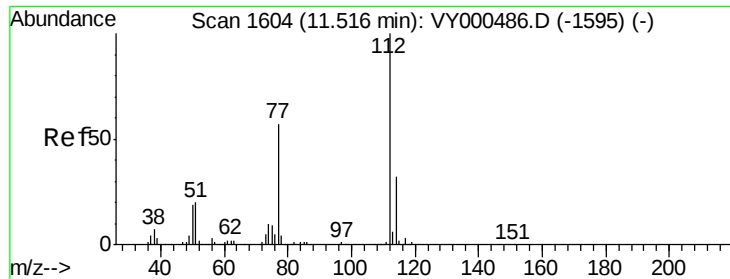
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#64
Tetrachloroethene
Concen: 22.894 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.7	154.1
129	96.6	73.2	109.8
131	88.3	74.2	111.2





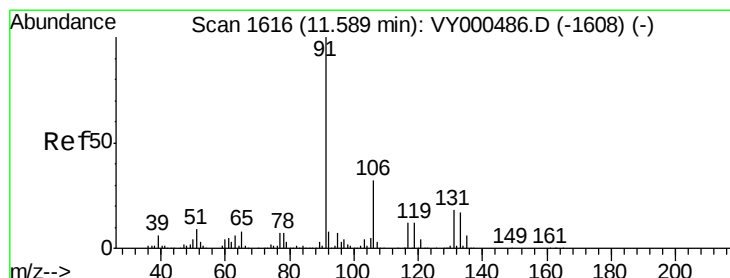
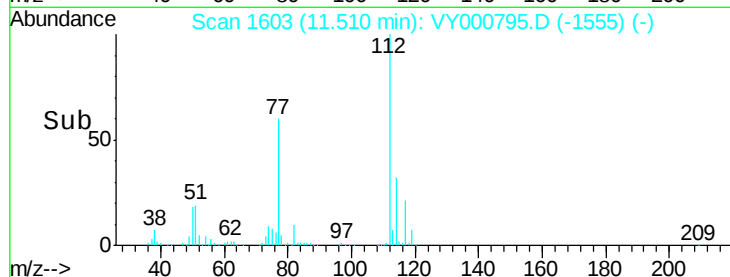
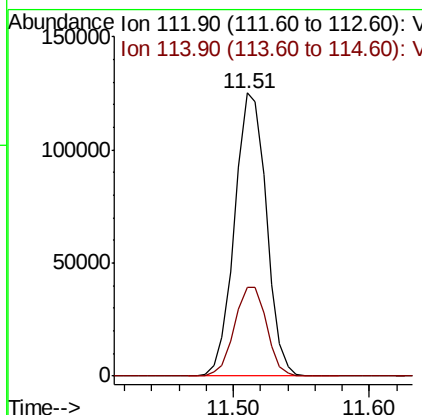
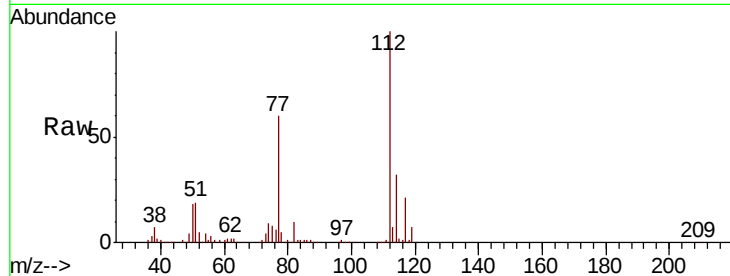
#65
Chlorobenzene
Concen: 22.144 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.3	37.9

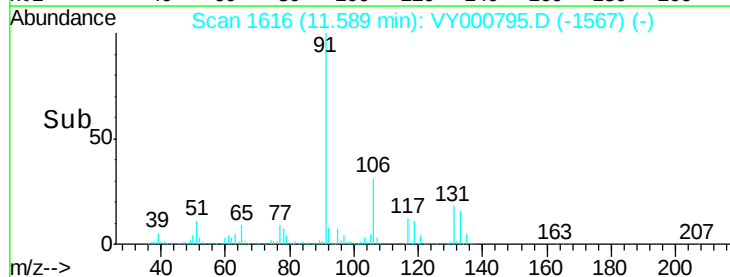
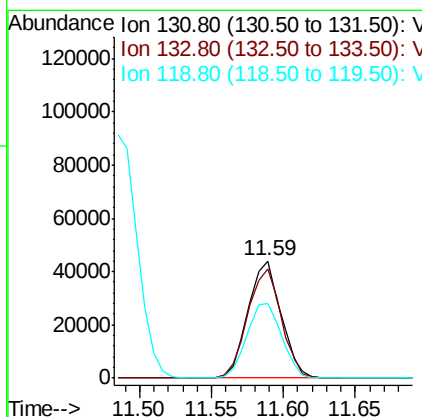
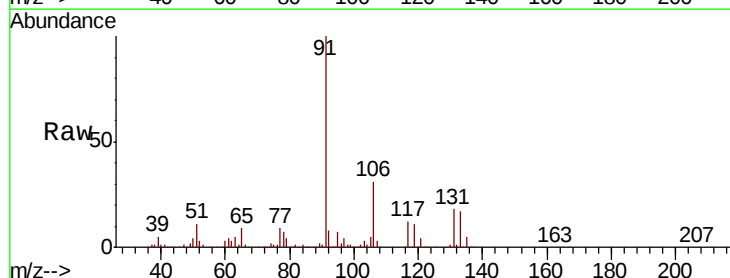
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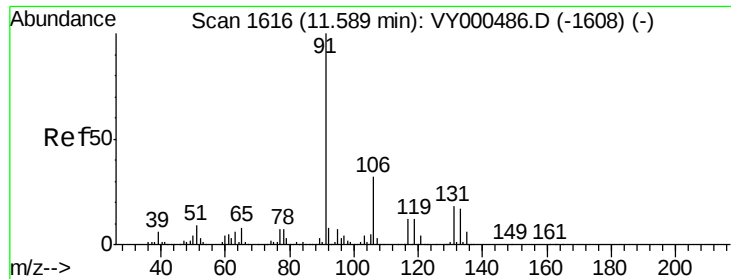
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.866 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.9	143.8
119	67.5	33.1	99.3





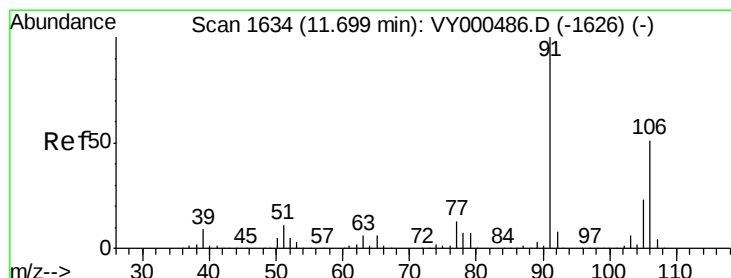
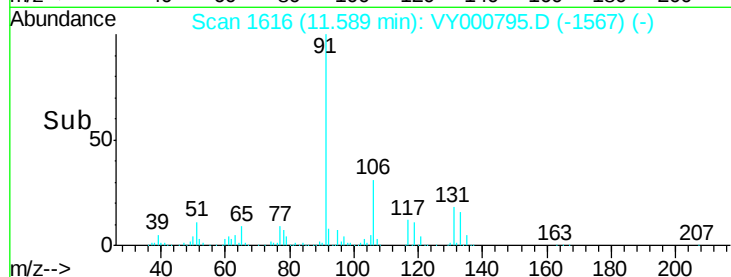
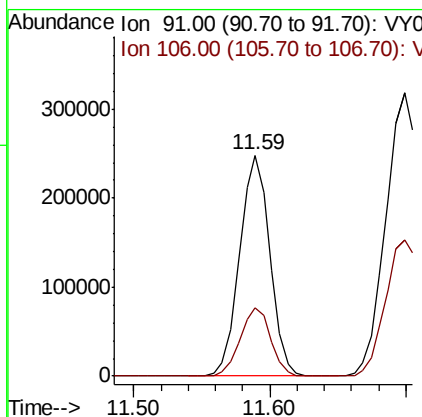
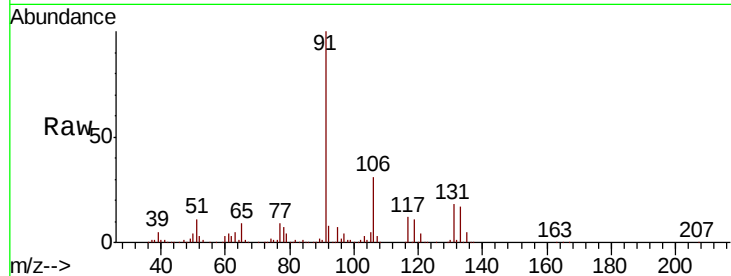
#67
Ethyl Benzene
Concen: 22.642 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion: 91 Resp: 383994
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

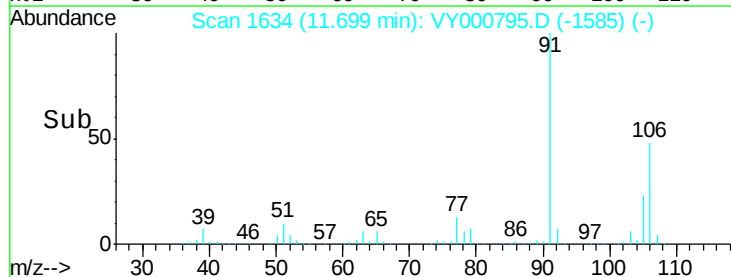
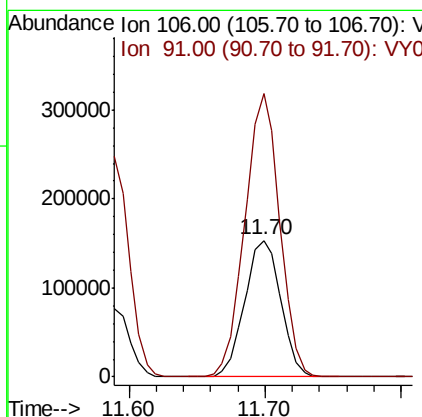
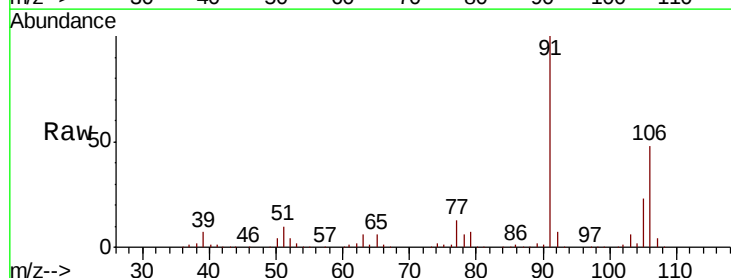
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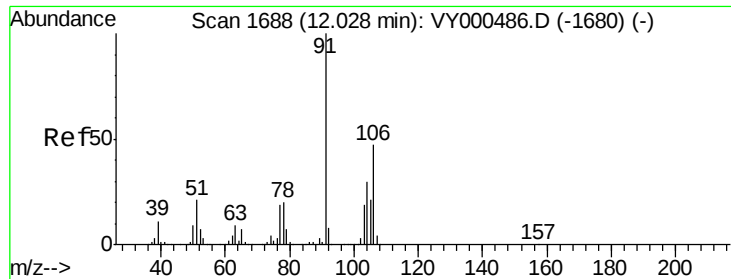
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#68
m/p-Xylenes
Concen: 43.212 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion: 106 Resp: 283649
Ion Ratio Lower Upper
106 100
91 201.0 155.9 233.9





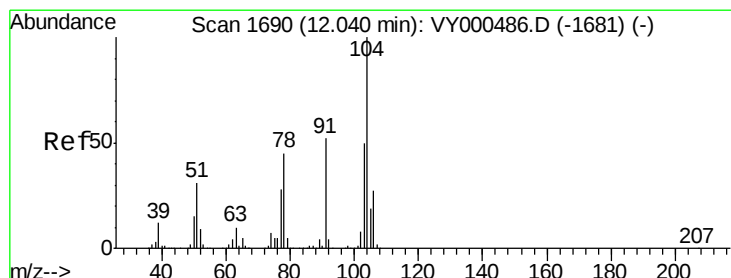
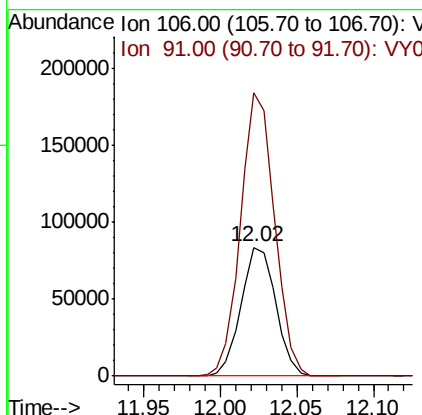
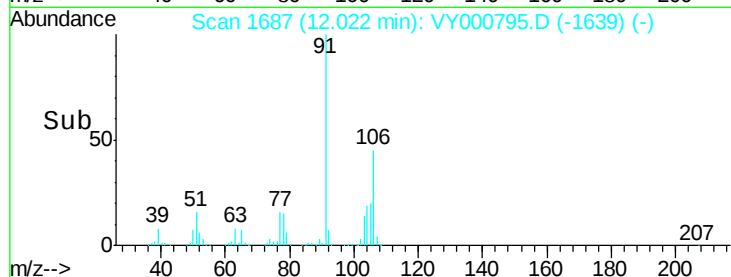
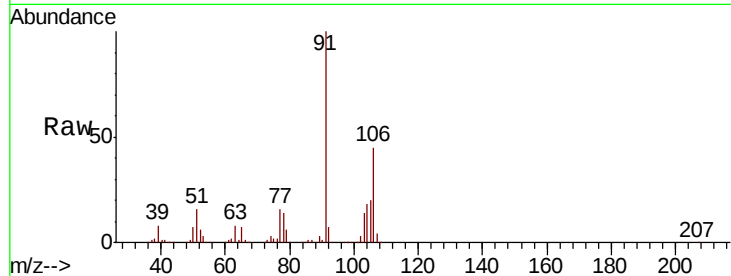
#69
o-Xylene
Concen: 21.444 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		132291		
91	215.0	106.5	319.6		

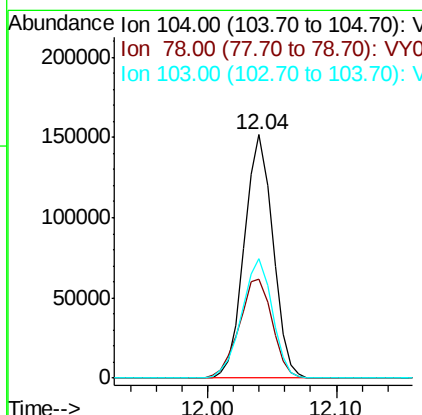
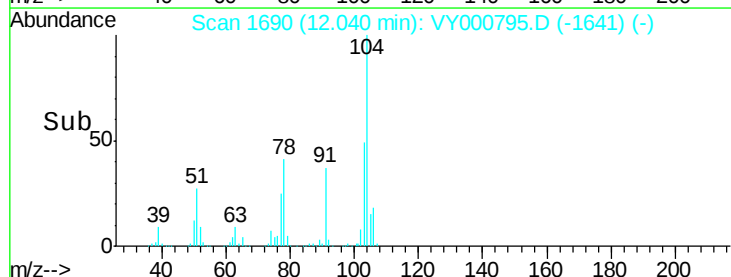
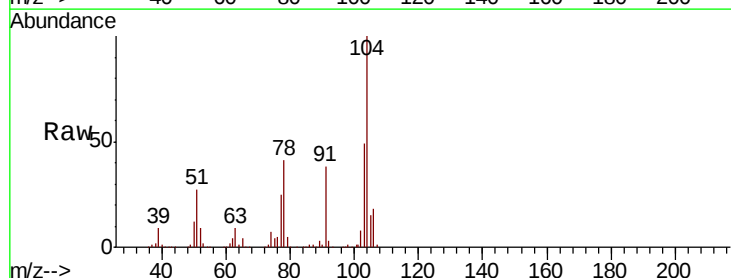
Manual Integrations
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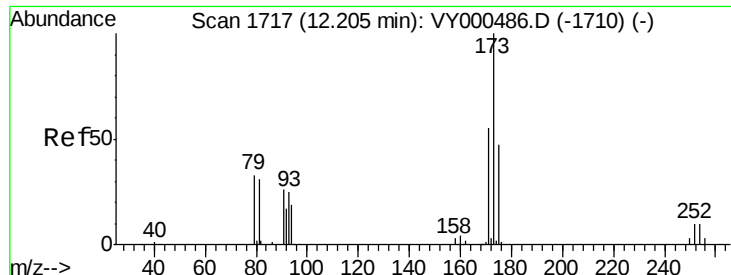
apatel
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#70
Styrene
Concen: 22.019 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		232608		
78	47.2	39.0	58.4		
103	52.7	42.5	63.7		





#71

Bromoform

Concen: 21.435 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

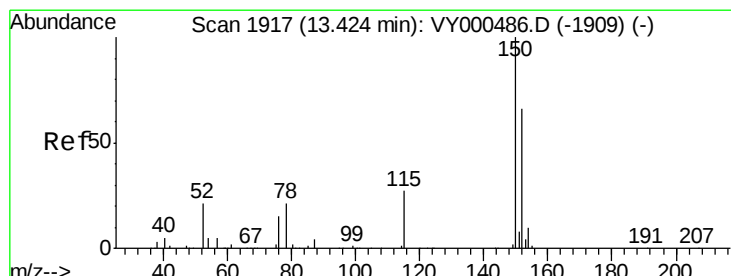
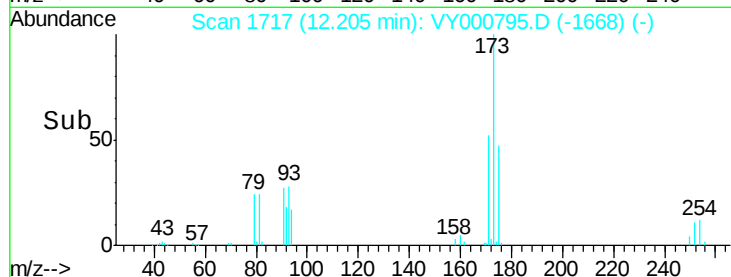
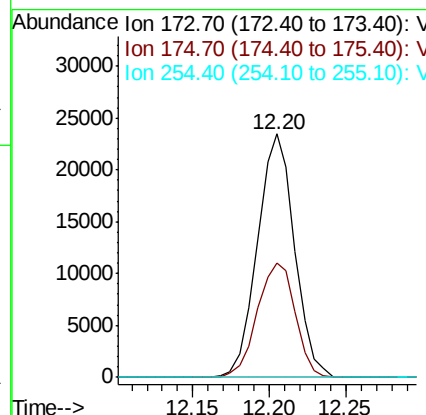
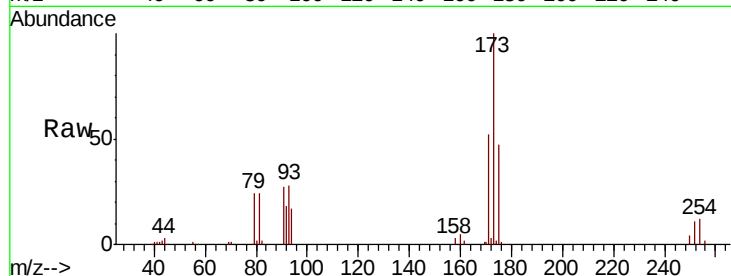
ClientSampleId :

VY1126SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

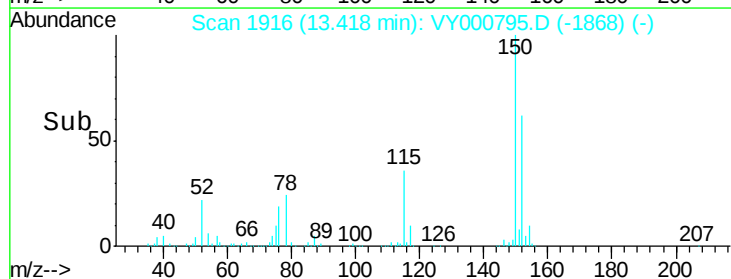
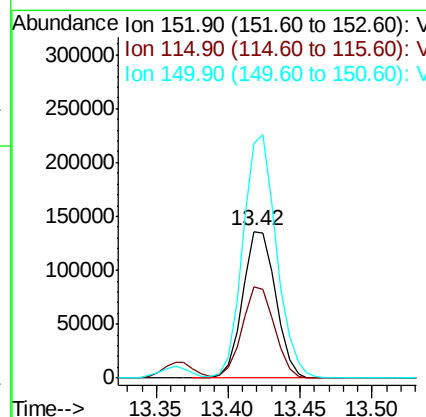
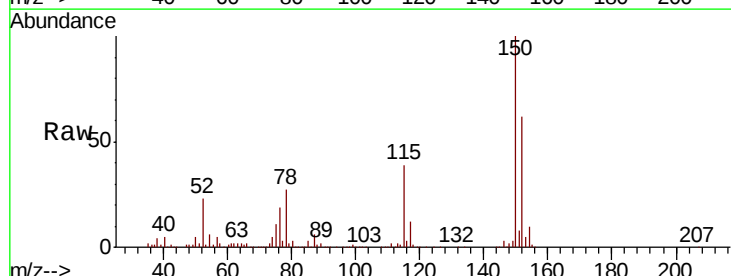
RT: 13.42 min Scan# 1916

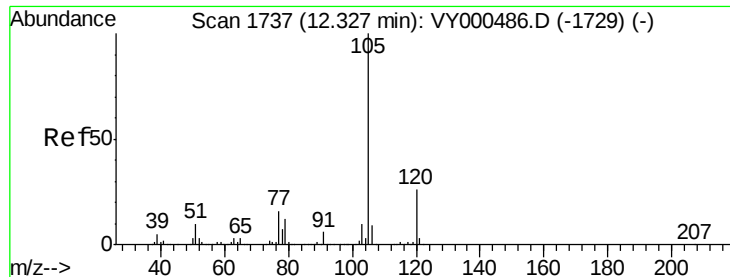
Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.1	87.4
150	167.9	0.0	348.8





#73

Isopropylbenzene

Concen: 22.630 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 105 Resp: 361852

Ion Ratio Lower Upper

105 100

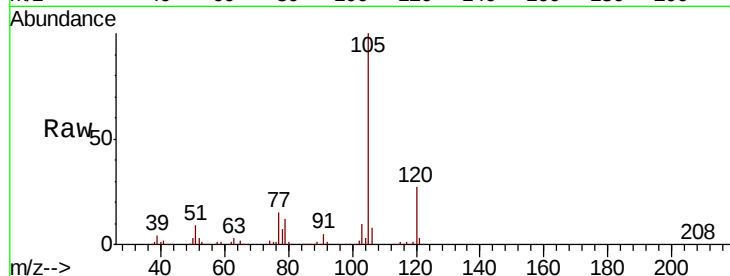
120 26.5 13.5 40.4

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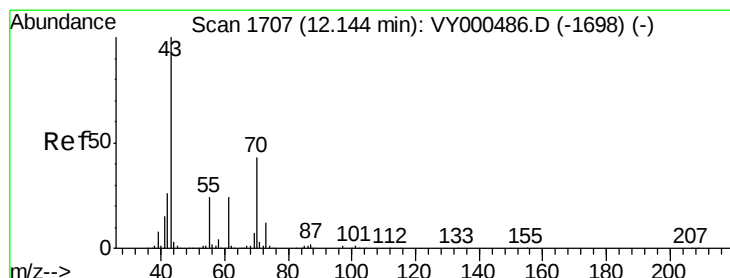
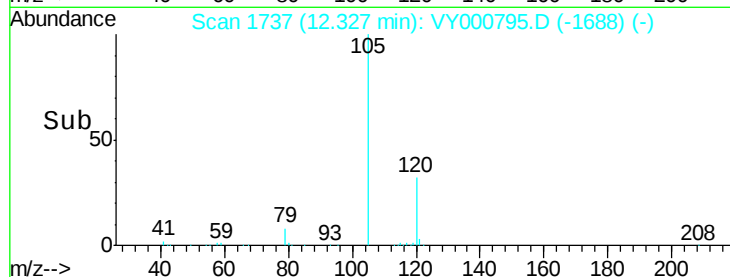
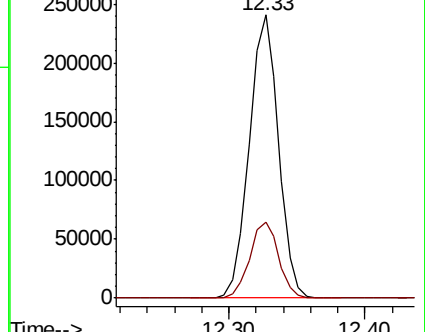
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.936 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion: 43 Resp: 100456

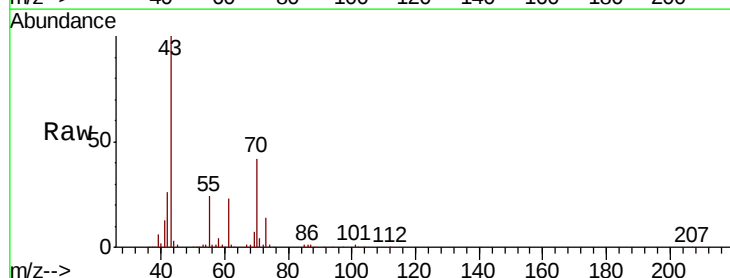
Ion Ratio Lower Upper

43 100

70 44.9 33.1 49.7

55 24.1 18.0 27.0

61 26.3 19.1 28.7

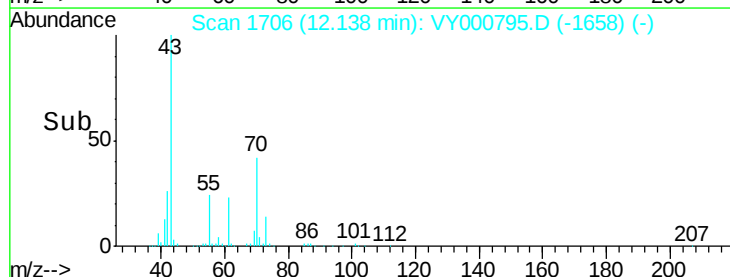
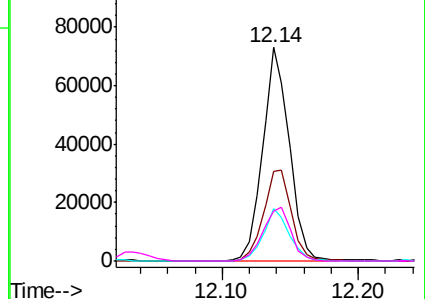


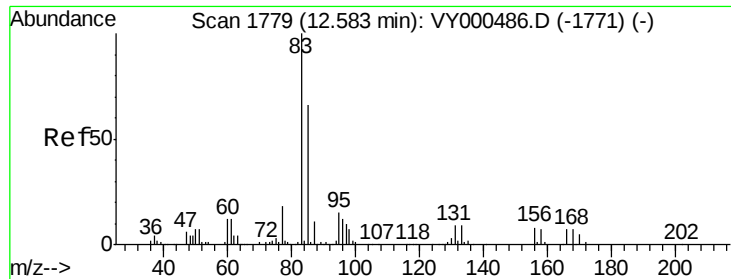
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 22.183 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

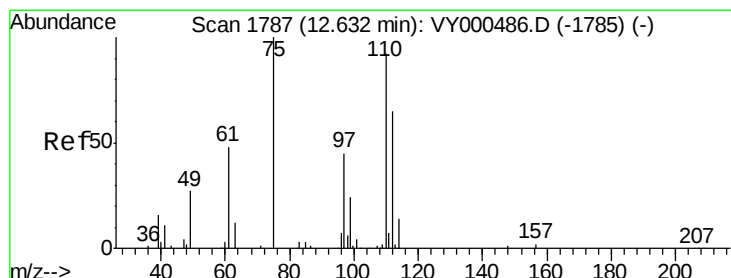
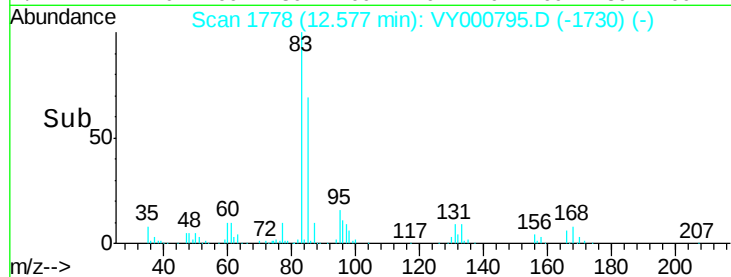
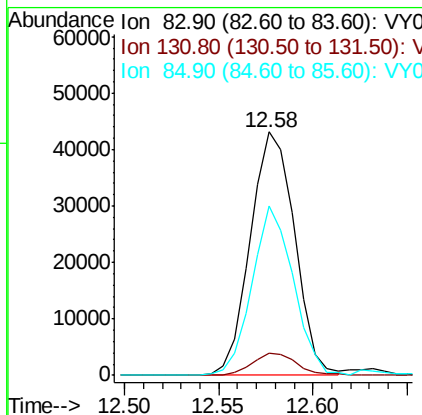
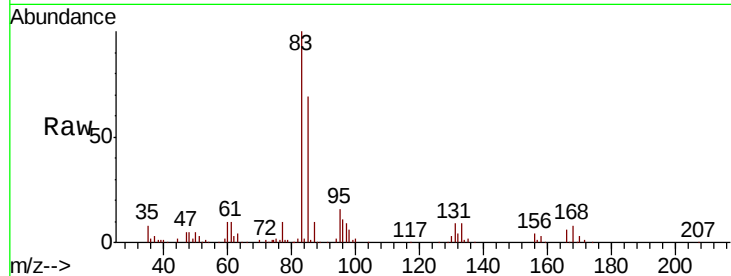
ClientSampleId :

VY1126SBS01

Tot Ion:	83	Resp:	70231
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.0	14.9
85	65.1	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 20.390 ug/l m

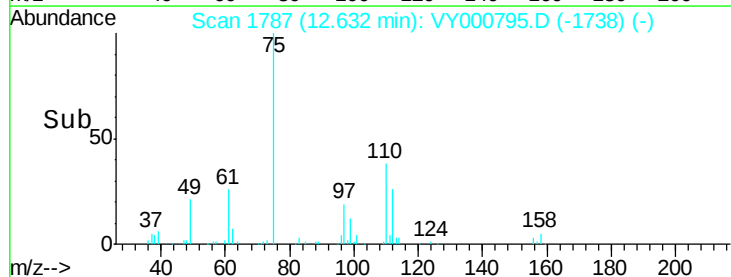
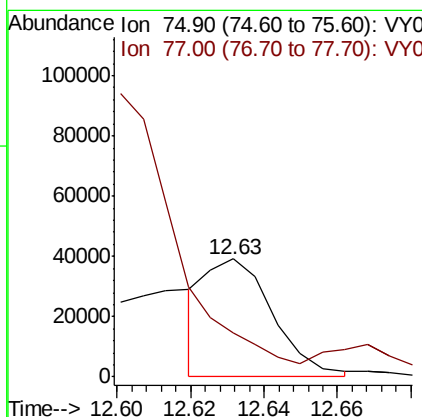
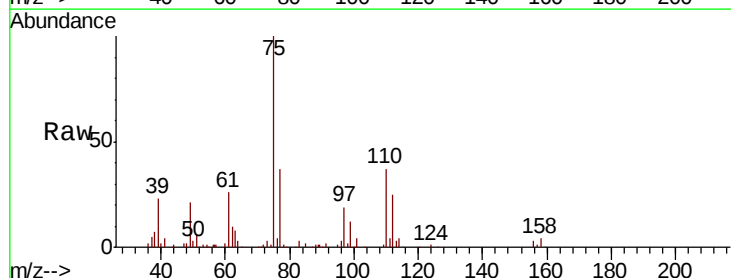
RT: 12.63 min Scan# 1787

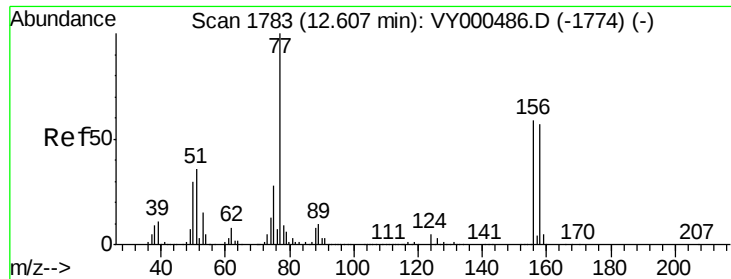
Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion:	75	Resp:	50229
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.942 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

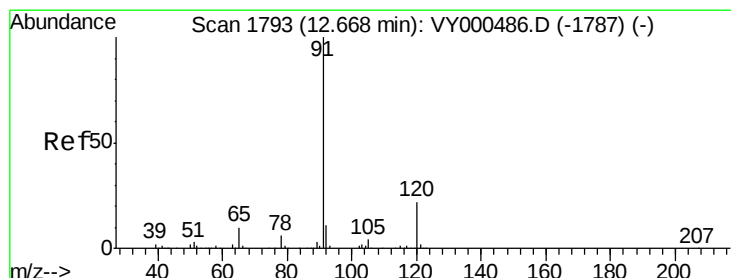
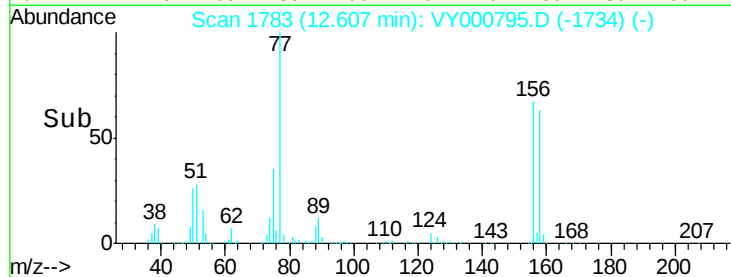
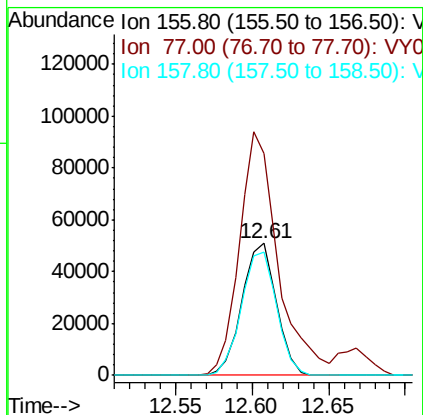
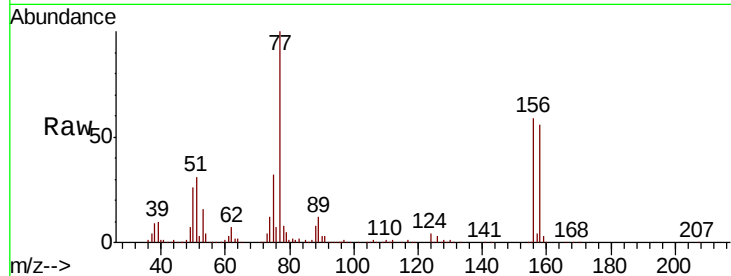
ClientSampleId :

VY1126SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	206.8	98.2	294.4
158	96.2	49.6	149.0

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#78

n-propylbenzene

Concen: 22.996 ug/l

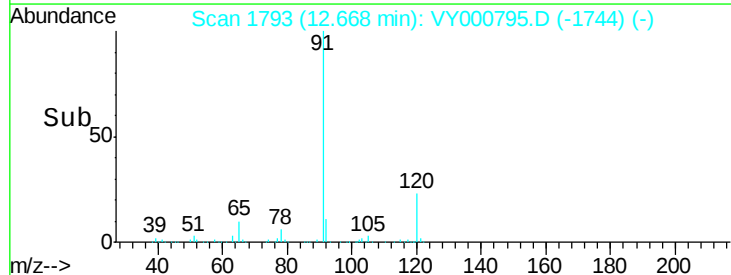
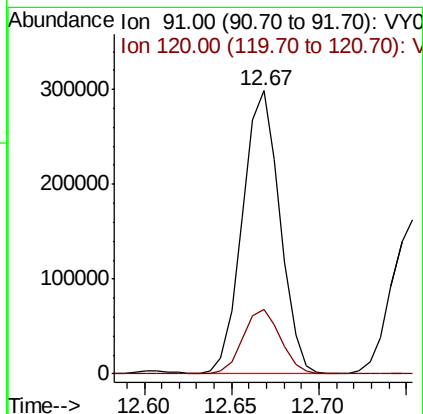
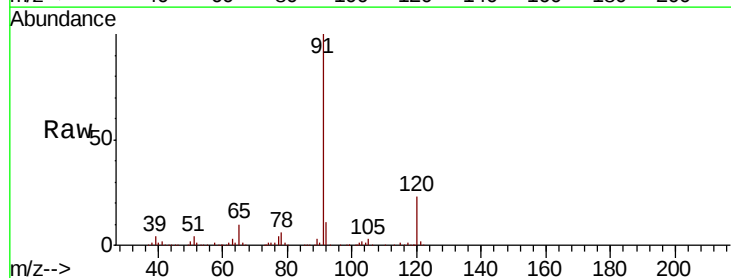
RT: 12.67 min Scan# 1793

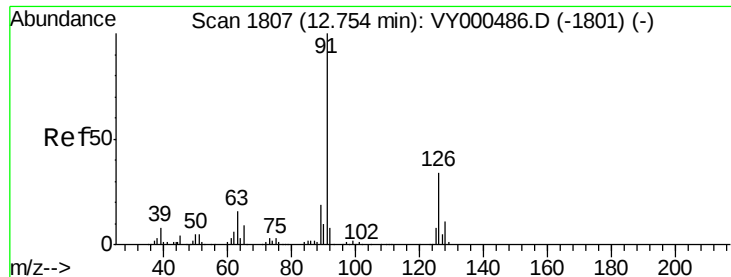
Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.1





#79

2-Chlorotoluene

Concen: 23.103 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion: 91 Resp: 247452

Ion Ratio Lower Upper

91 100

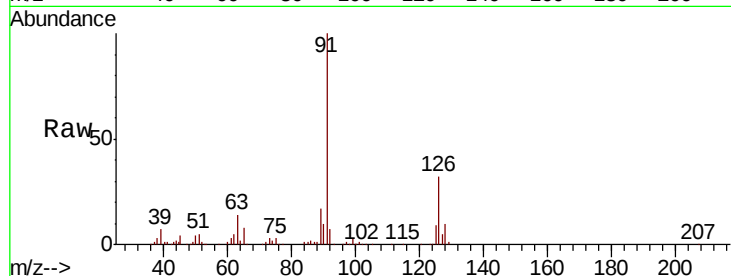
126 33.5 17.7 53.1

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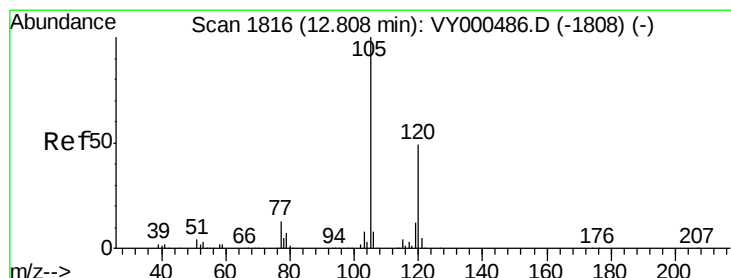
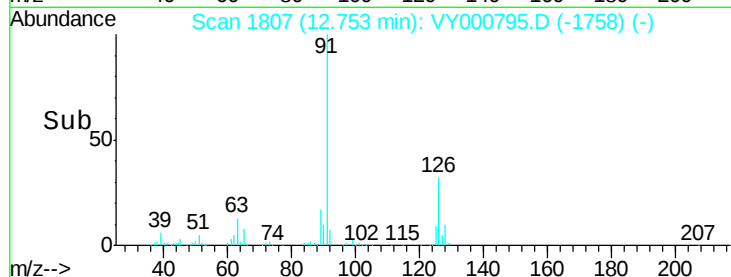
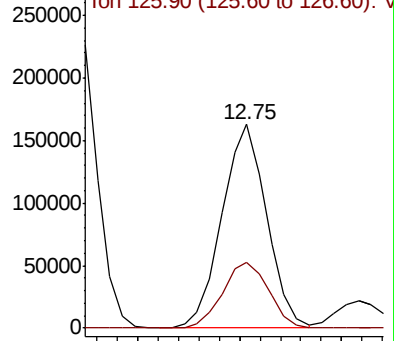
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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.647 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000795.D

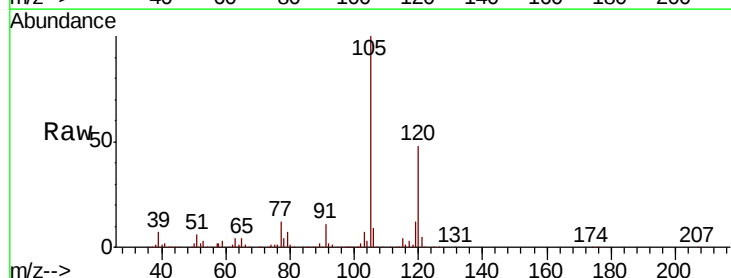
Acq: 26 Nov 2019 12:00

Tgt Ion: 105 Resp: 301597

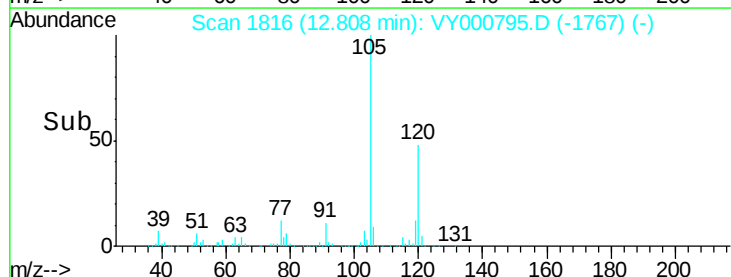
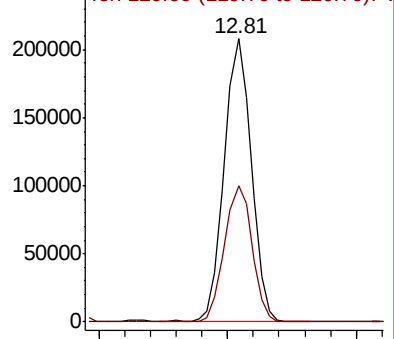
Ion Ratio Lower Upper

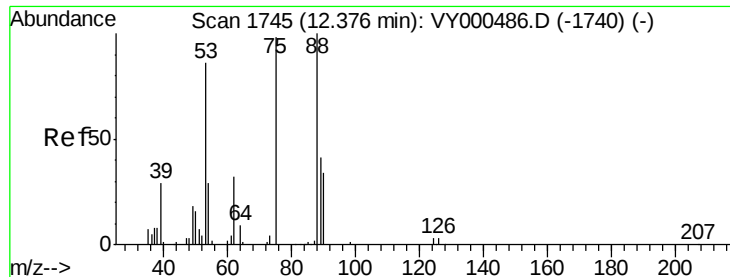
105 100

120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 24.783 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

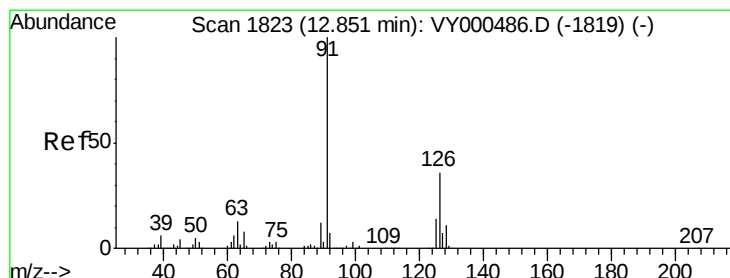
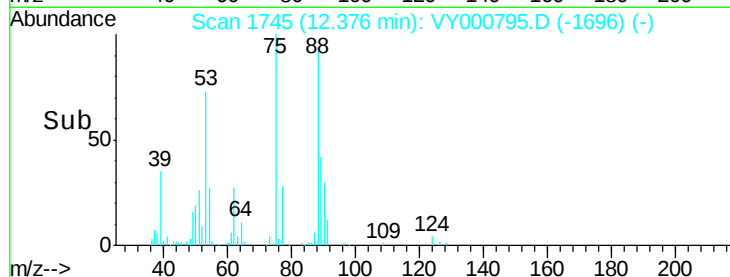
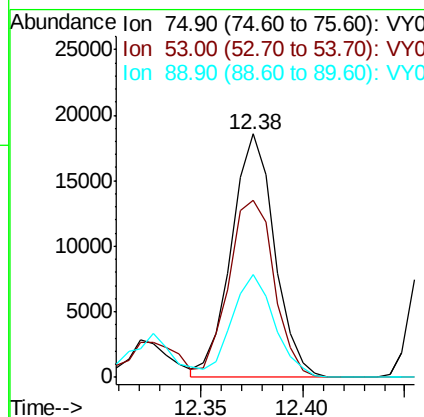
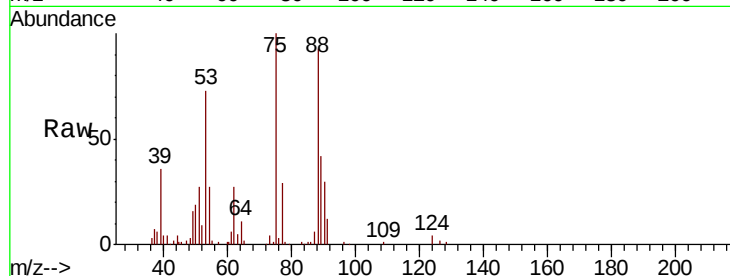
ClientSampleId :

VY1126SBS01

Tot Ion:	75	Resp:	27229
Ion	Ratio	Lower	Upper
75	100		
53	77.1	73.2	109.8
89	41.4	35.9	53.9

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#82

4-Chlorotoluene

Concen: 22.997 ug/l

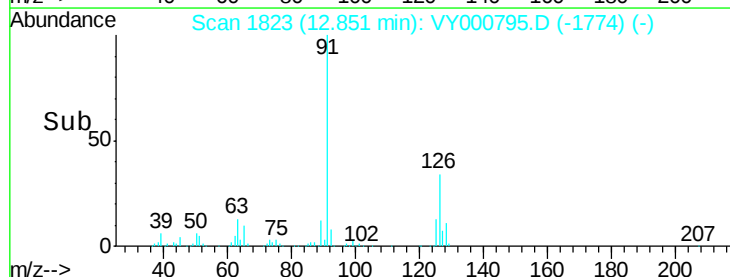
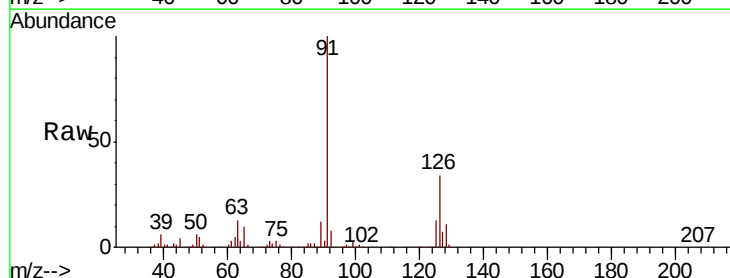
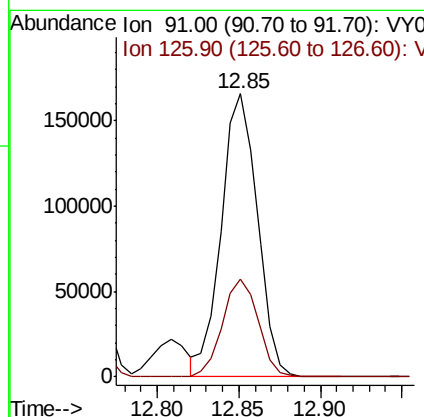
RT: 12.85 min Scan# 1823

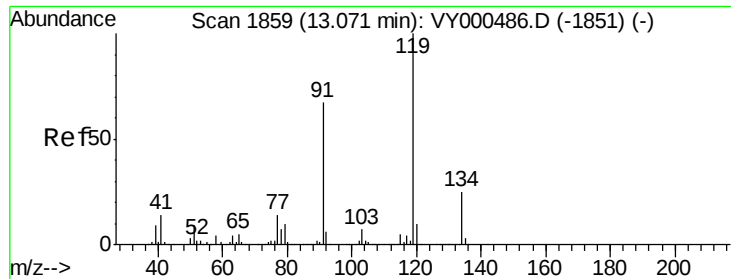
Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion:	91	Resp:	255327
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.6	52.9





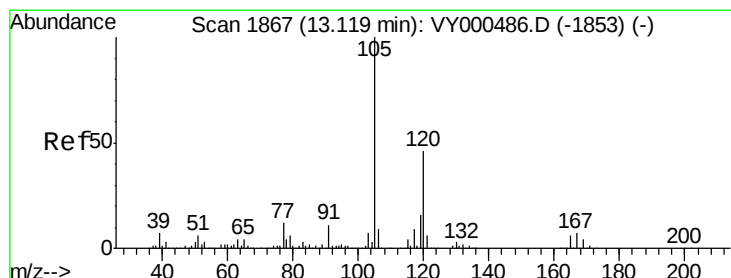
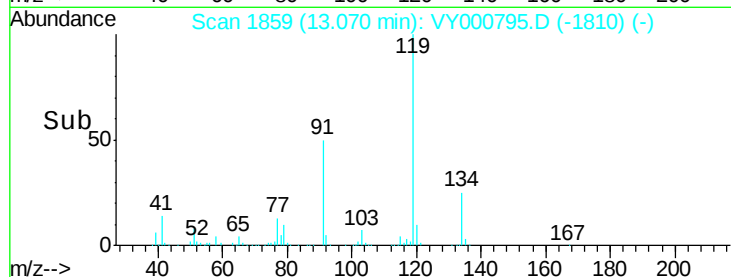
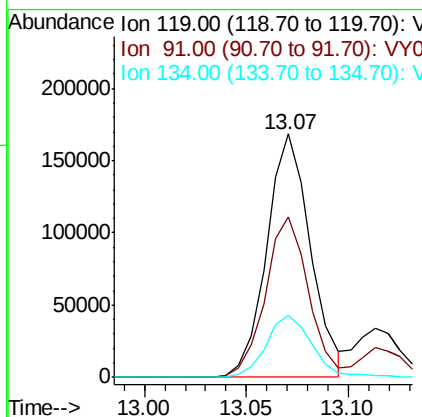
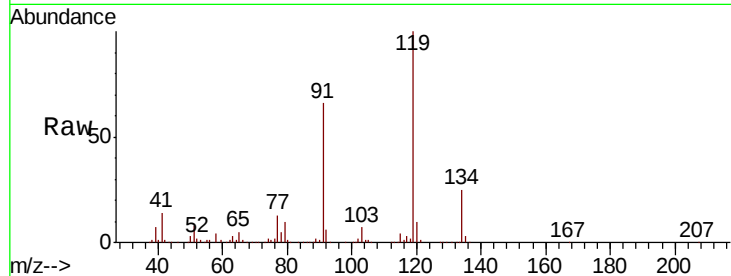
#83
tert-Butylbenzene
Concen: 22.073 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	250980		
91	64.7		32.1	96.3
134	27.0		13.2	39.5

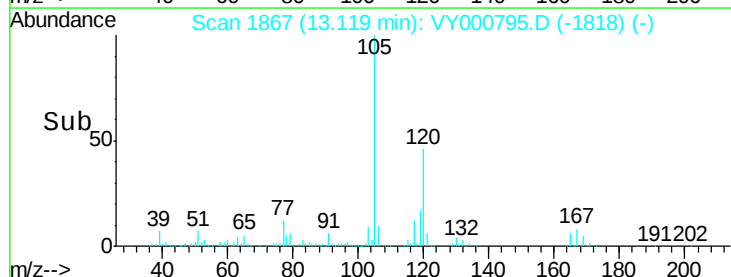
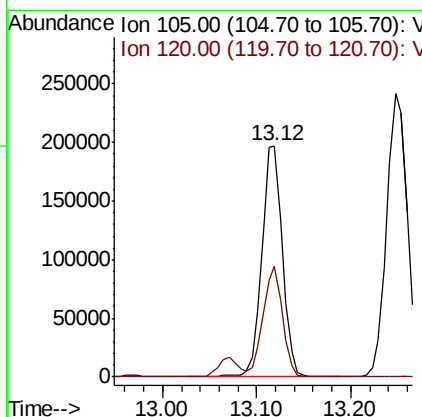
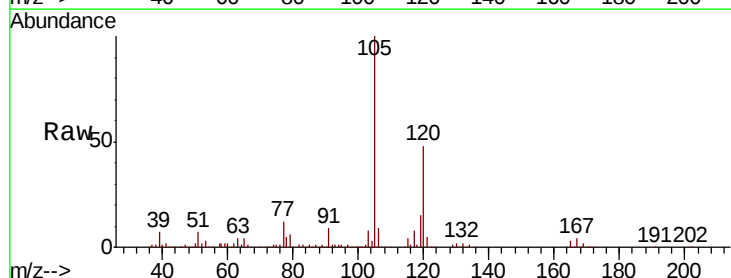
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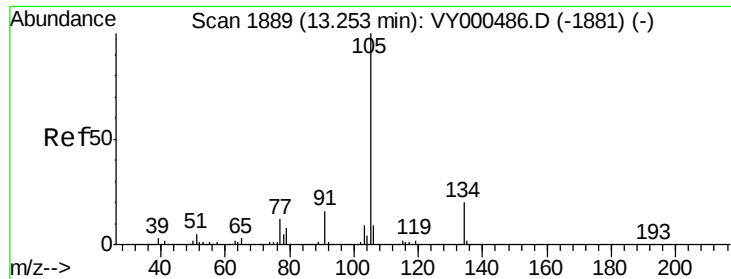
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#84
1,2,4-Trimethylbenzene
Concen: 22.896 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	303589		
120	45.4		23.3	69.9





#85

sec-Butylbenzene

Concen: 22.780 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBS01

Tot Ion:105 Resp: 369030

Ion Ratio Lower Upper

105 100

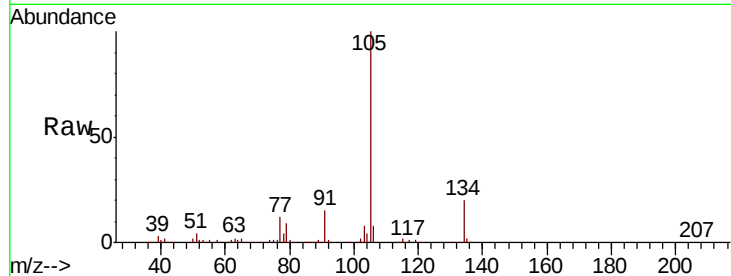
134 20.0 10.1 30.1

Manual Integrations

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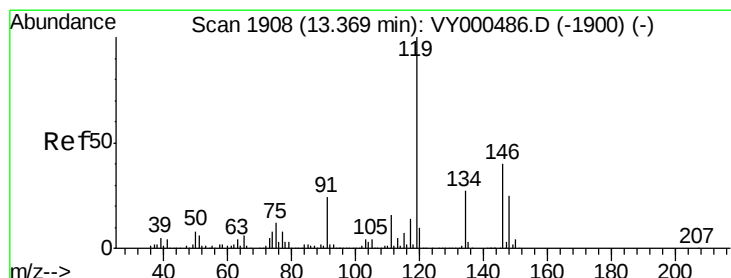
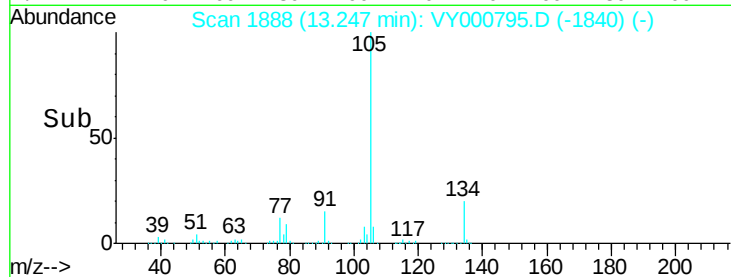
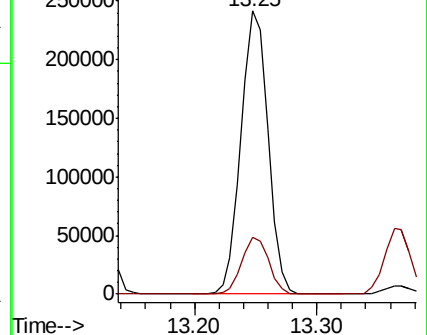
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.575 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

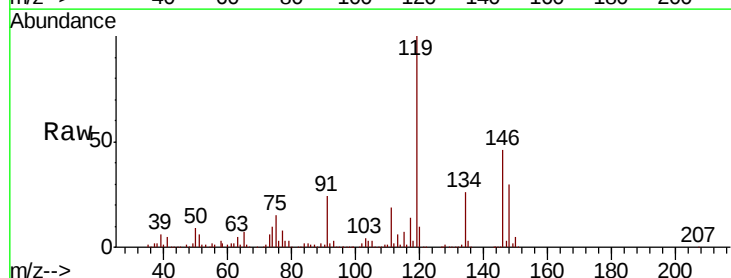
Tgt Ion:119 Resp: 325945

Ion Ratio Lower Upper

119 100

134 25.8 13.6 40.8

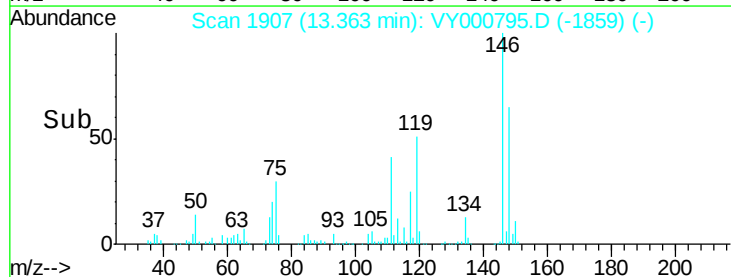
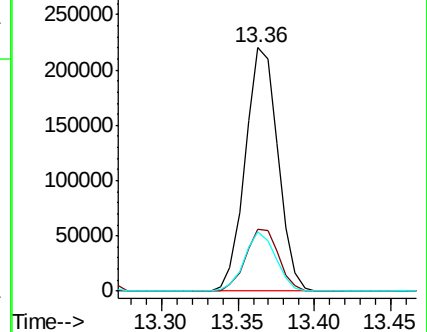
91 23.4 12.0 36.1

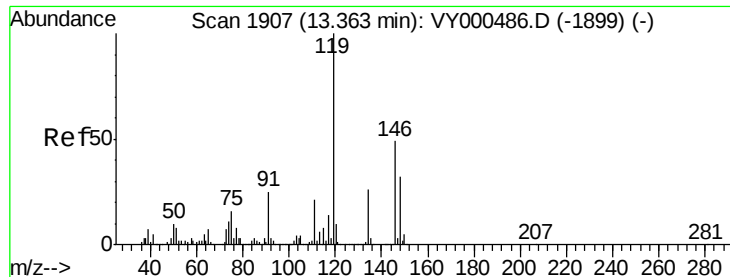


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





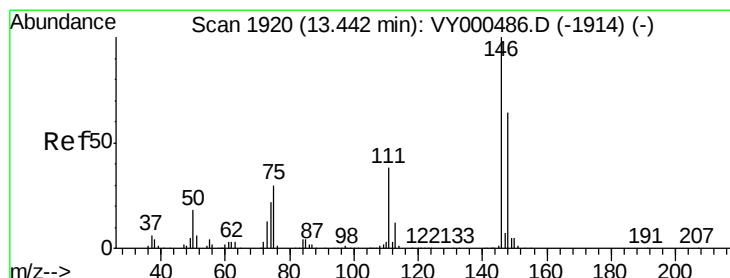
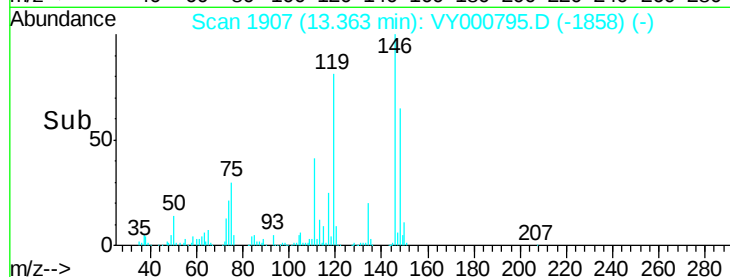
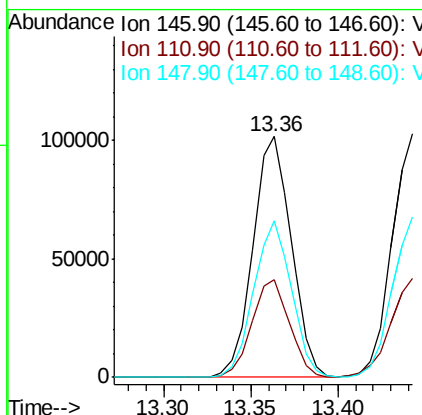
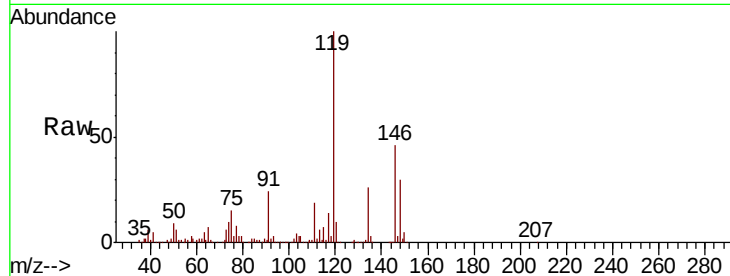
#87
 1,3-Dichlorobenzene
 Concen: 21.779 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	154681		
111	40.1	20.3	60.8	
148	63.9	31.5	94.5	

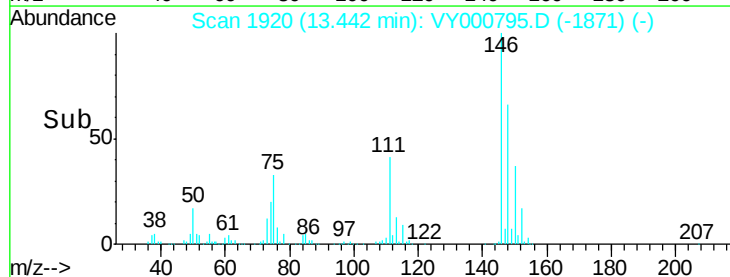
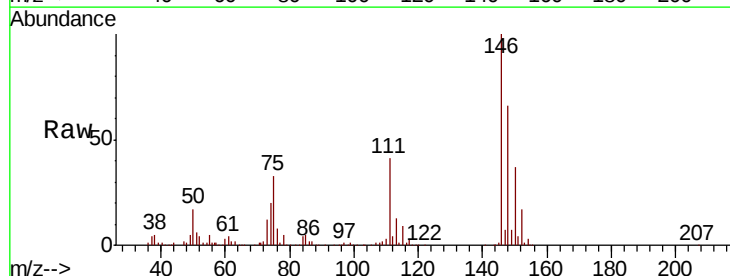
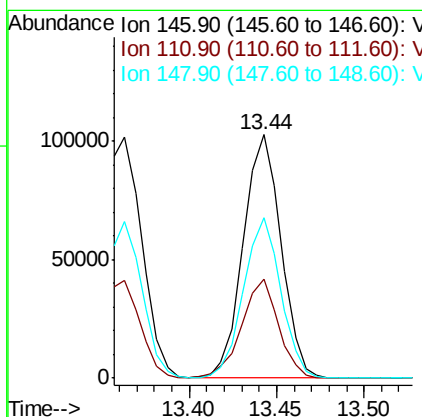
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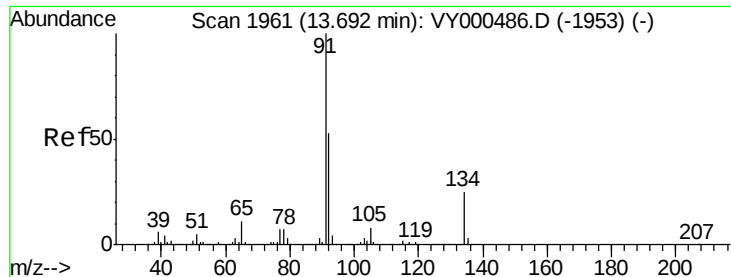
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#88
 1,4-Dichlorobenzene
 Concen: 21.796 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	154688		
111	40.0	19.7	59.0	
148	65.0	31.9	95.7	





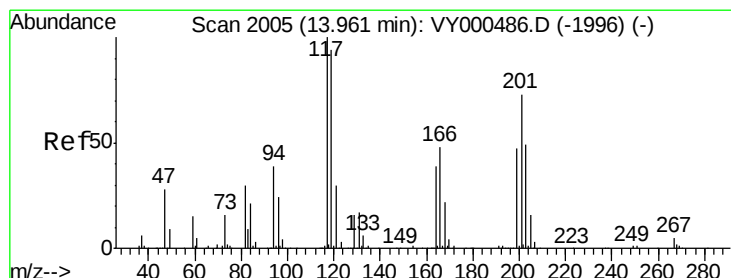
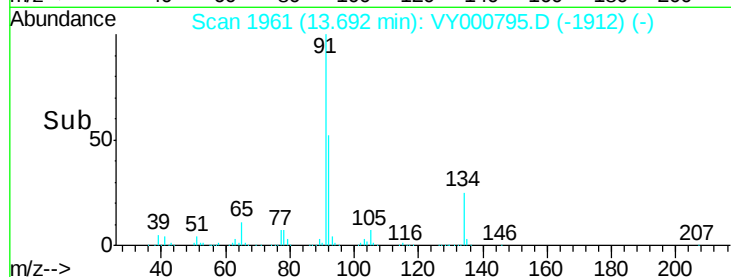
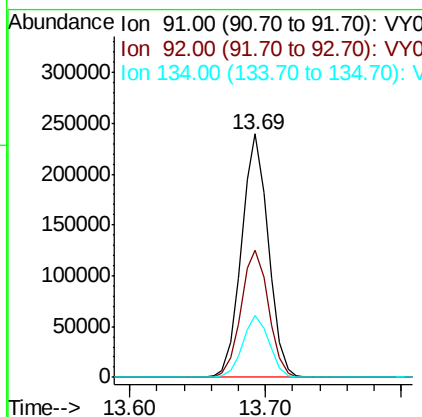
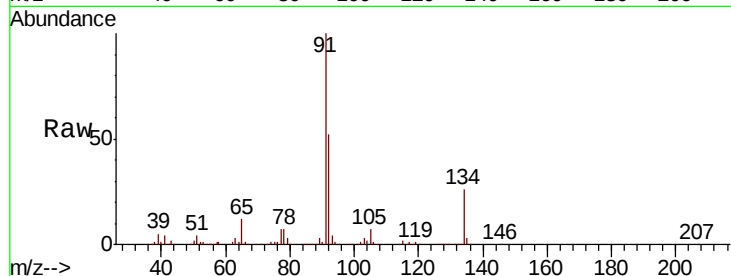
#89
n-Butylbenzene
Concen: 23.047 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.8	80.3
134	25.3	12.9	38.7

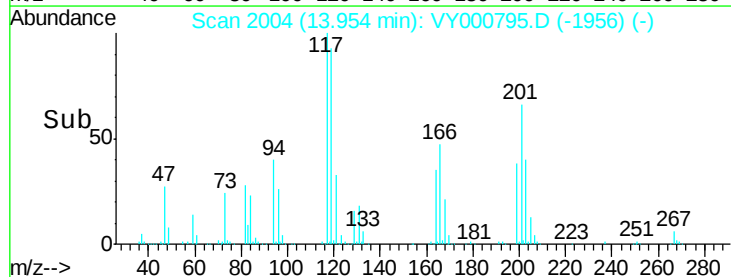
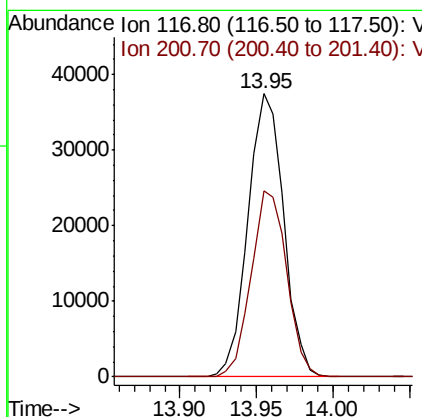
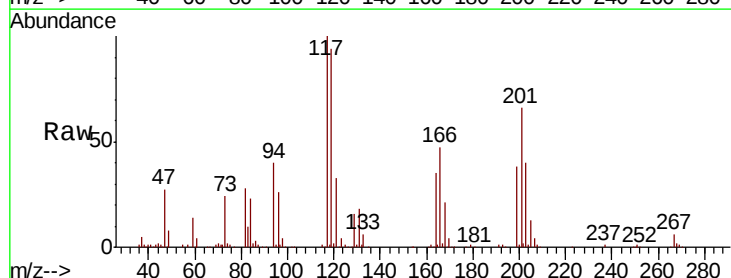
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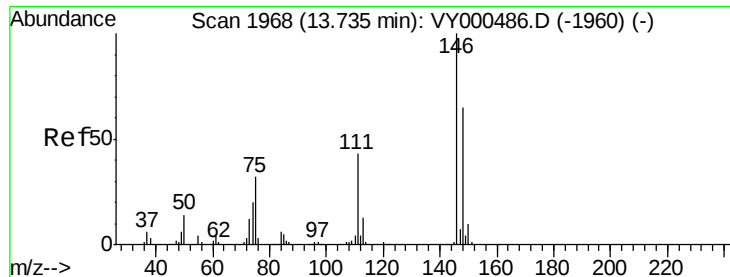
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#90
Hexachloroethane
Concen: 22.857 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000795.D
Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.4	35.8	107.3





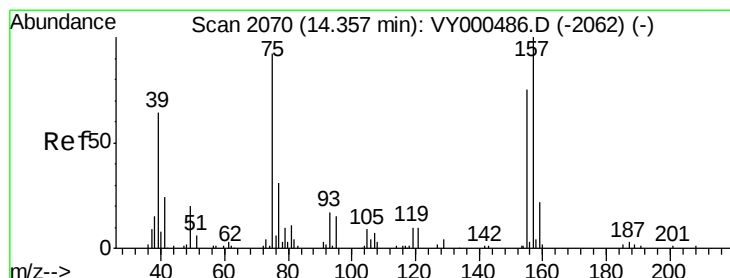
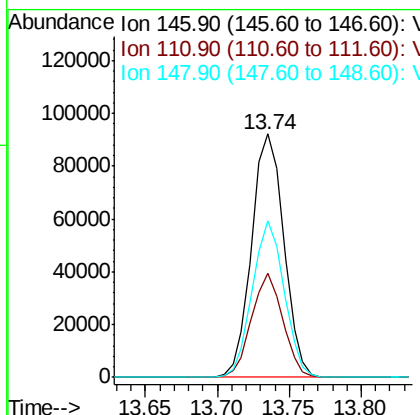
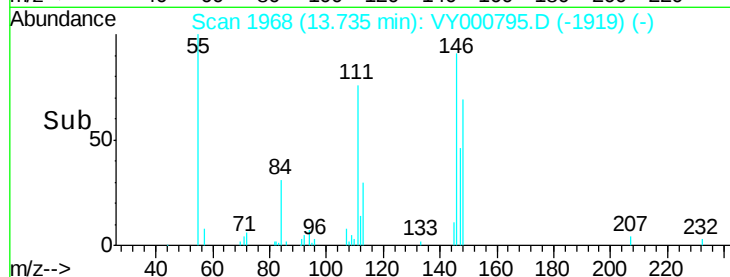
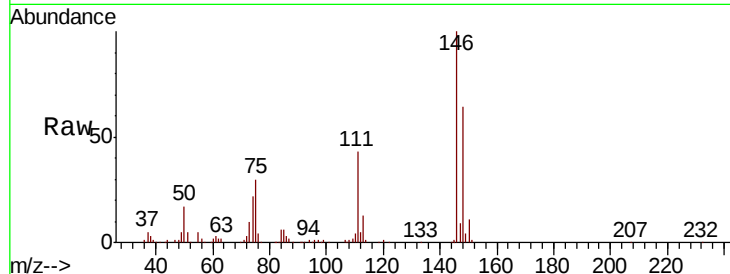
#91
 1,2-Dichlorobenzene
 Concen: 22.112 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.5
148	63.6	31.7	95.1

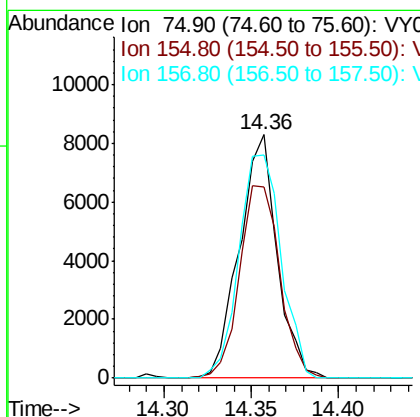
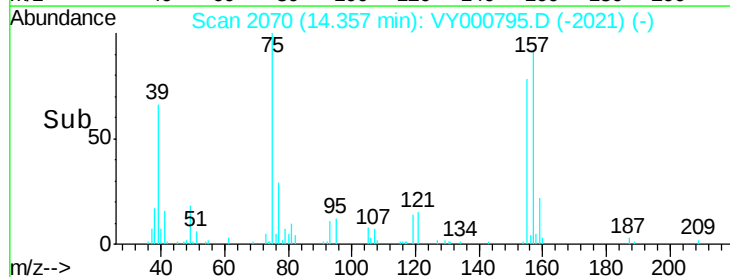
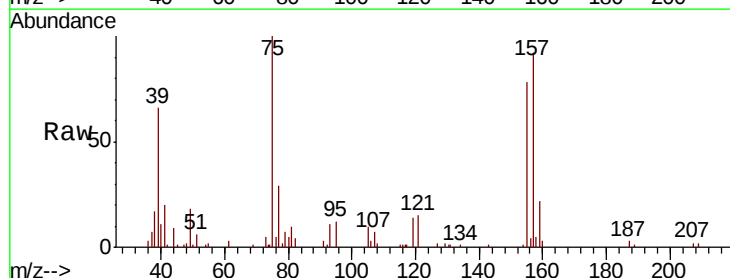
Manual Integrations
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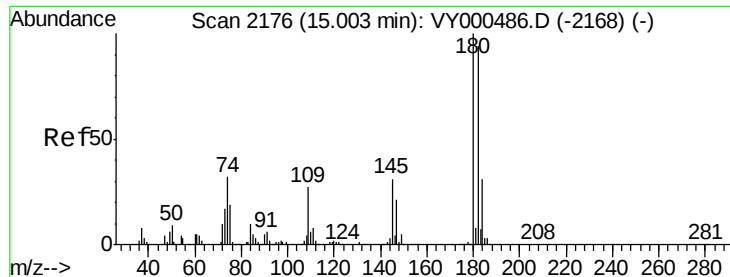
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.198 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	42.4	127.1
157	102.6	55.1	165.3





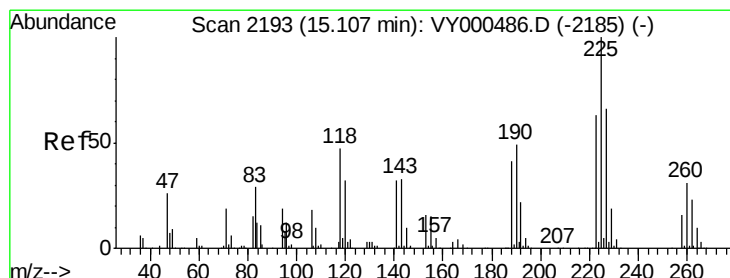
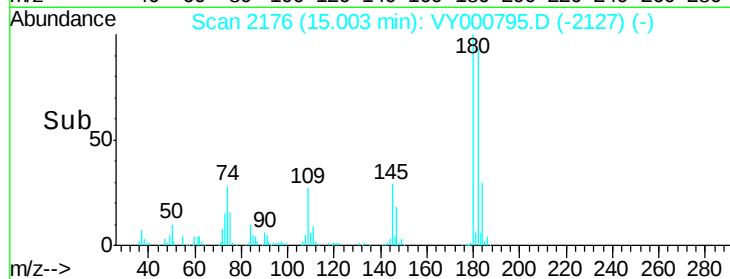
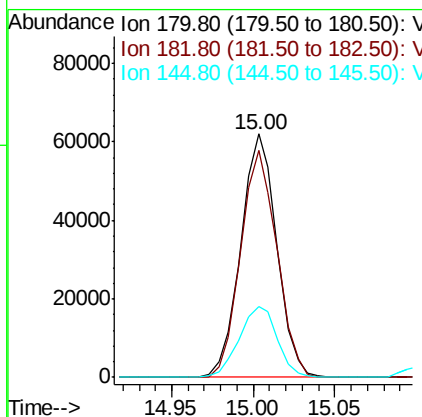
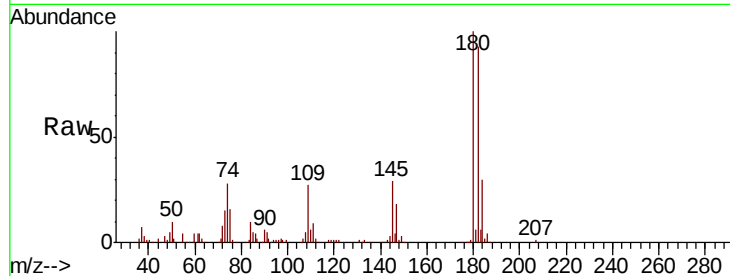
#93
 1,2,4-Trichlorobenzene
 Concen: 21.696 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.9	47.8	143.4	
145	30.6	16.0	47.9	

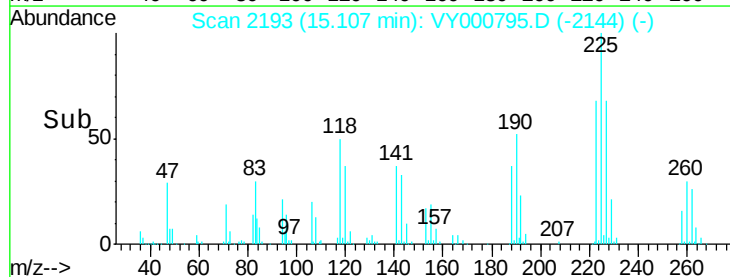
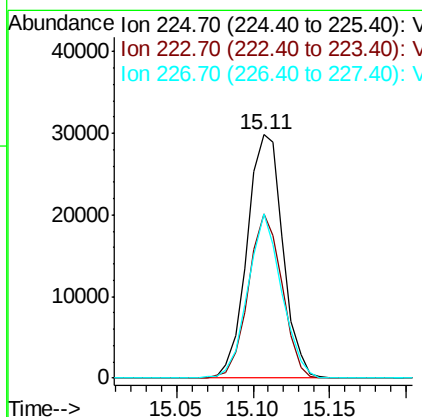
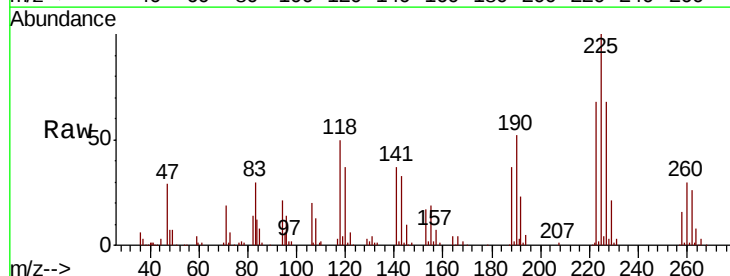
Manual Integrations
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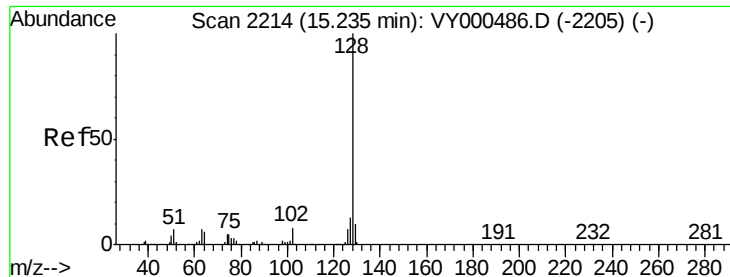
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#94
 Hexachlorobutadiene
 Concen: 21.425 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000795.D
 Acq: 26 Nov 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	31.3	93.8	
227	63.8	32.4	97.0	





#95

Naphthalene

Concen: 23.052 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Instrument :

MSVOA_Y

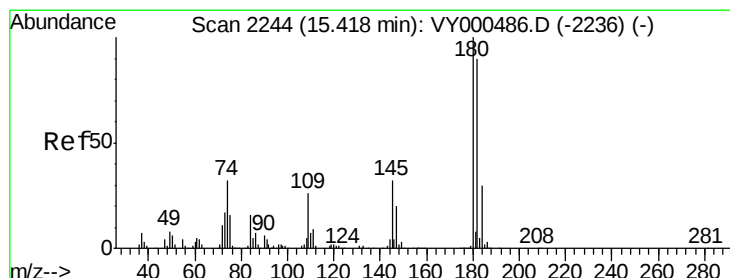
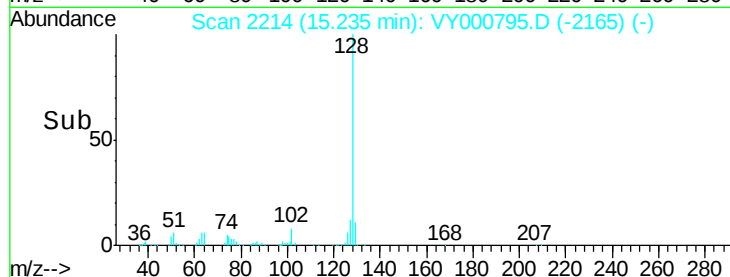
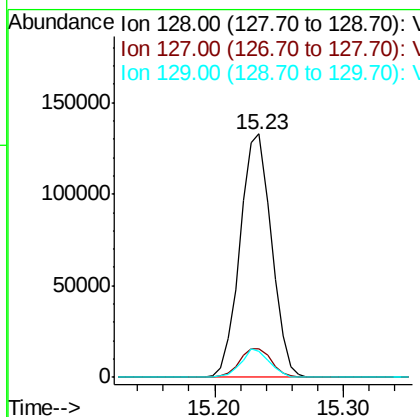
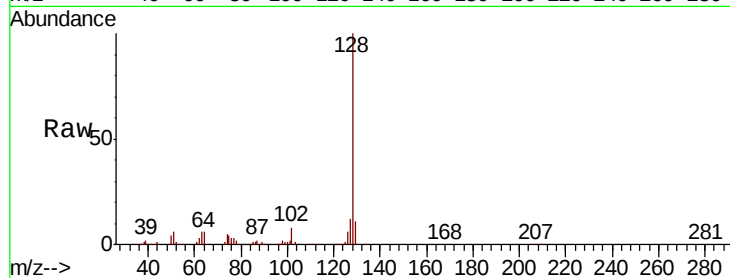
ClientSampleId :

VY1126SBS01

Tot Ion:	128	Resp:	224533
Ion Ratio	Lower	Upper	
128	100		
127	12.1	9.8	14.6
129	10.6	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 21.744 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000795.D

Acq: 26 Nov 2019 12:00

Tgt Ion:	180	Resp:	85594
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.4	142.3
145	33.2	15.7	47.0

