

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001576.D
 Acq On : 07 Feb 2020 23:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/10/2020 11:26:59 AM

Quant Time: Feb 08 04:23:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	175830	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	320329	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.51	117	294652	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	141660	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	103815	58.64	ug/l	0.02
Spiked Amount	50.000		Recovery	=	117.28%	
35) Dibromofluoromethane	7.76	113	95456	51.68	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.21	98	389857	55.78	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.50	95	140379	50.99	ug/l	0.01
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	75597	43.922	ug/l	99
3) Chloromethane	2.13	50	105478	58.635	ug/l	97
4) Vinyl Chloride	2.27	62	105148	56.293	ug/l	96
5) Bromomethane	2.68	94	72725	61.909	ug/l	99
6) Chloroethane	2.82	64	68474	60.817	ug/l	100
7) Trichlorofluoromethane	3.16	101	136548	44.164	ug/l	99
8) Diethyl Ether	3.57	74	56747	54.390	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.95	101	86679	46.594	ug/l	99
10) Methyl Iodide	4.14	142	110336	46.548	ug/l	98
11) Tert butyl alcohol	5.01	59	52007	262.994	ug/l	97
12) 1,1-Dichloroethene	3.91	96	87811	47.501	ug/l	98
13) Acrolein	3.77	56	46783	279.081	ug/l	98
14) Allyl chloride	4.53	41	158469	56.037	ug/l	97
15) Acrylonitrile	5.22	53	151960	317.704	ug/l	100
16) Acetone	3.99	43	113497	221.633	ug/l	96
17) Carbon Disulfide	4.24	76	288647	49.048	ug/l	100
18) Methyl Acetate	4.53	43	68313	62.512	ug/l	95
19) Methyl tert-butyl Ether	5.27	73	263206	53.539	ug/l	96
20) Methylene Chloride	4.77	84	106085	53.210	ug/l	88
21) trans-1,2-Dichloroethene	5.27	96	102773	50.009	ug/l	96
22) Diisopropyl ether	6.18	45	342710	61.168	ug/l	96
23) Vinyl Acetate	6.11	43	1154369	323.652	ug/l	95
24) 1,1-Dichloroethane	6.08	63	179444	53.247	ug/l	98
25) 2-Butanone	7.04	43	199133	299.735	ug/l	93
26) 2,2-Dichloropropane	7.04	77	141695	43.932	ug/l	100
27) cis-1,2-Dichloroethene	7.04	96	115348	51.389	ug/l	99
28) Bromochloromethane	7.38	49	80764	70.349	ug/l	89
29) Tetrahydrofuran	7.39	42	137568	345.476	ug/l	92
30) Chloroform	7.55	83	174777	51.200	ug/l	99
31) Cyclohexane	7.83	56	168859	48.983	ug/l	95
32) 1,1,1-Trichloroethane	7.74	97	146326	47.278	ug/l	98
36) 1,1-Dichloropropene	7.96	75	138008	47.095	ug/l	99
37) Ethyl Acetate	7.12	43	90801	64.008	ug/l	96
38) Carbon Tetrachloride	7.94	117	123075	43.410	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	177769	46.072	ug/l	99
40) Benzene	8.20	78	429866	51.429	ug/l	99
41) Methacrylonitrile	7.36	41	43235m	65.759	ug/l	
42) 1,2-Dichloroethane	8.28	62	120952	51.941	ug/l	98
43) Isopropyl Acetate	8.31	43	174416	62.097	ug/l	94
44) Trichloroethene	8.97	130	106354	47.205	ug/l	96
45) 1,2-Dichloropropane	9.25	63	109458	54.231	ug/l	100
46) Dibromomethane	9.34	93	58789	51.871	ug/l	99
47) Bromodichloromethane	9.53	83	139120	50.379	ug/l	98
48) Methyl methacrylate	9.32	41	78950	61.931	ug/l	93
49) 1,4-Dioxane	9.33	88	16238	1084.866	ug/l	95
51) 4-Methyl-2-Pentanone	10.10	43	456024	329.681	ug/l	95
52) Toluene	10.27	92	267044	50.352	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	153499	51.035	ug/l	99
54) cis-1,3-Dichloropropene	9.96	75	174185	50.444	ug/l	95
55) 1,1,2-Trichloroethane	10.67	97	87054	53.536	ug/l	97
56) Ethyl methacrylate	10.53	69	131875	57.019	ug/l	91
57) 1,3-Dichloropropane	10.81	76	152967	53.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.81	63	255662	300.483	ug/l	95
59) 2-Hexanone	10.86	43	318480	316.666	ug/l	96
60) Dibromochloromethane	11.01	129	96514	50.353	ug/l	99
61) 1,2-Dibromoethane	11.11	107	83948	52.415	ug/l	98
64) Tetrachloroethene	10.74	164	85031	44.004	ug/l	98
65) Chlorobenzene	11.53	112	279224	48.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	97936	48.367	ug/l	99
67) Ethyl Benzene	11.61	91	515300	48.172	ug/l	99
68) m/p-Xylenes	11.72	106	387432	96.478	ug/l	98
69) o-Xylene	12.05	106	185866	49.089	ug/l	100
70) Styrene	12.06	104	328973	50.243	ug/l	98
71) Bromoform	12.23	173	58837	52.184	ug/l #	100
73) Isopropylbenzene	12.35	105	489446	45.302	ug/l	100
74) N-amyl acetate	12.16	43	170549	60.748	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.60	83	110578	53.869	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	80791m	53.033	ug/l	
77) Bromobenzene	12.63	156	110739	47.362	ug/l	94
78) n-propylbenzene	12.69	91	600845	46.453	ug/l	100
79) 2-Chlorotoluene	12.78	91	343248	46.556	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	412782	45.366	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	39872	50.643	ug/l	99
82) 4-Chlorotoluene	12.88	91	359949	46.565	ug/l	100
83) tert-Butylbenzene	13.09	119	349906	45.495	ug/l	100
84) 1,2,4-Trimethylbenzene	13.14	105	415196	46.104	ug/l	99
85) sec-Butylbenzene	13.27	105	498924	46.139	ug/l	100
86) p-Isopropyltoluene	13.39	119	438813	46.050	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	213247	47.590	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	215105	47.917	ug/l	98
89) n-Butylbenzene	13.72	91	434051	46.165	ug/l	99
90) Hexachloroethane	13.98	117	83595	45.706	ug/l	98
91) 1,2-Dichlorobenzene	13.76	146	199705	49.180	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.38	75	18520	48.872	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.03	180	127085	46.441	ug/l	99
94) Hexachlorobutadiene	15.13	225	60514	43.572	ug/l	99
95) Naphthalene	15.25	128	308189	47.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	113379	46.937	ug/l	99

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

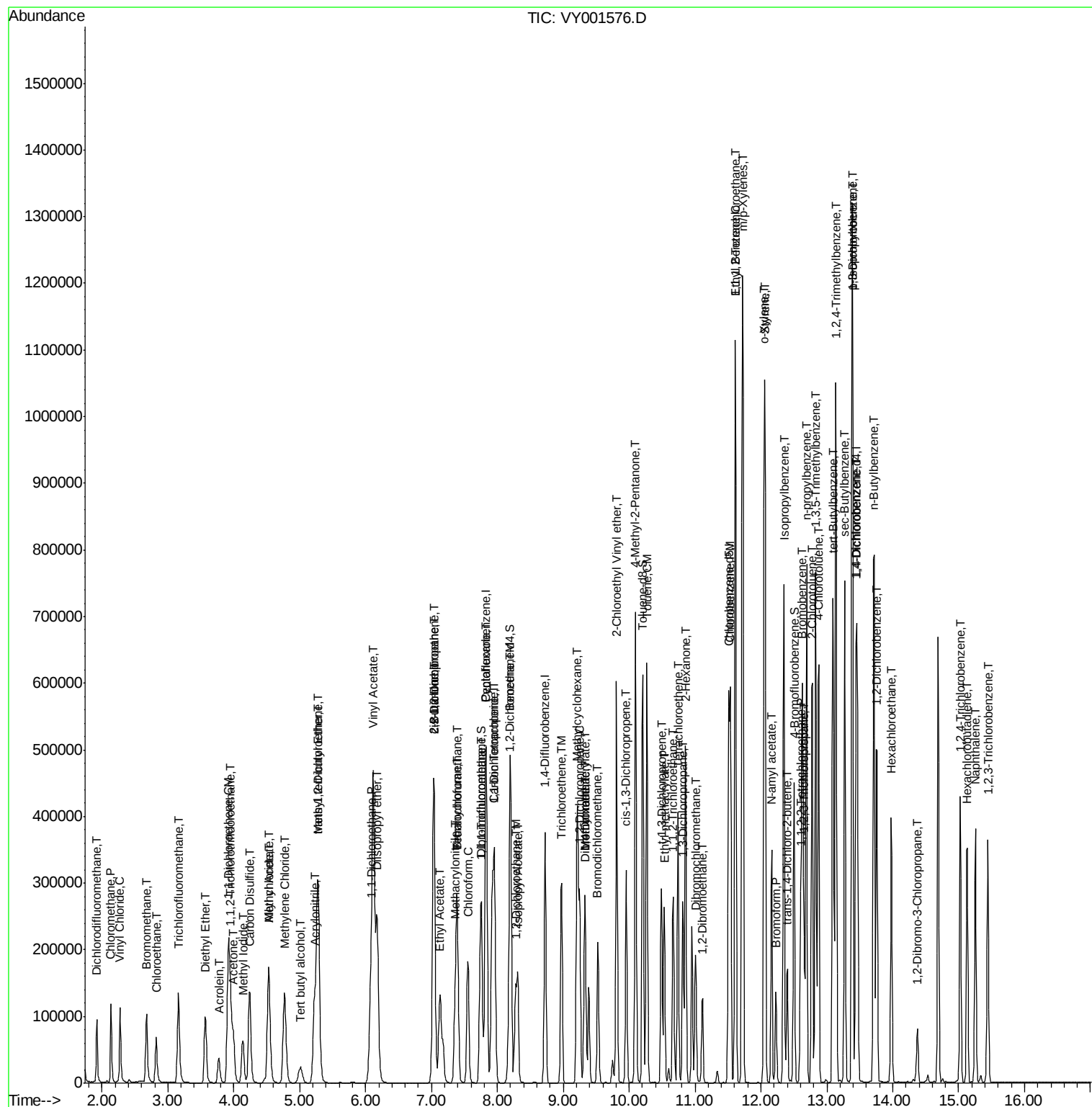
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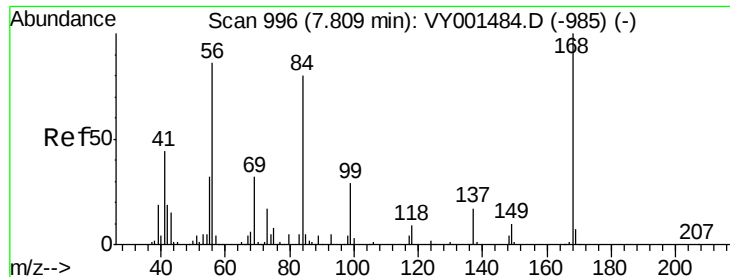
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 175830

Ion Ratio Lower Upper

168 100

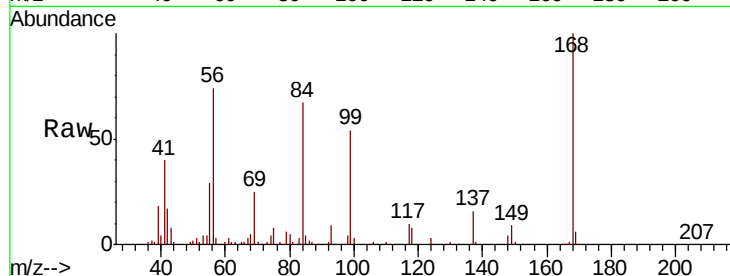
99 53.9 48.2 72.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001576.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001576.D (-947) (-)

80000

60000

40000

20000

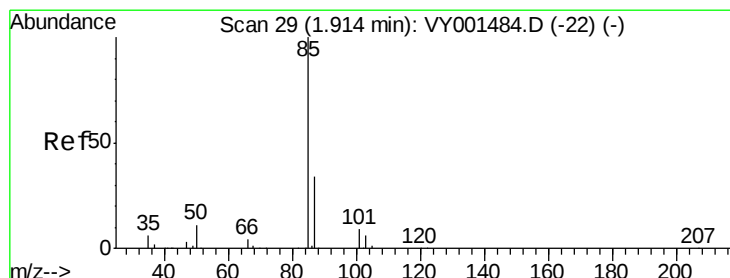
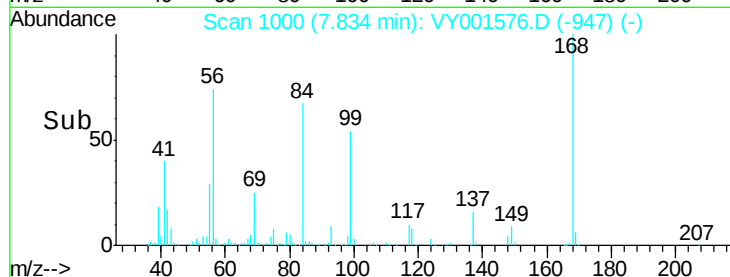
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.922 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001576.D

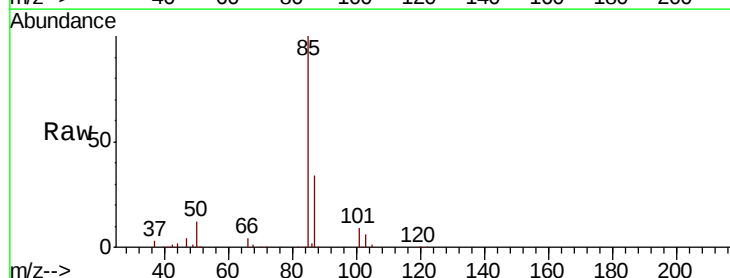
Acq: 07 Feb 2020 23:25

Tgt Ion: 85 Resp: 75597

Ion Ratio Lower Upper

85 100

87 34.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001576.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001576.D (-1) (-)

60000

50000

40000

30000

20000

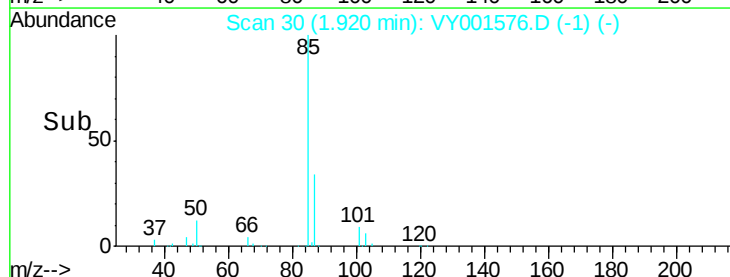
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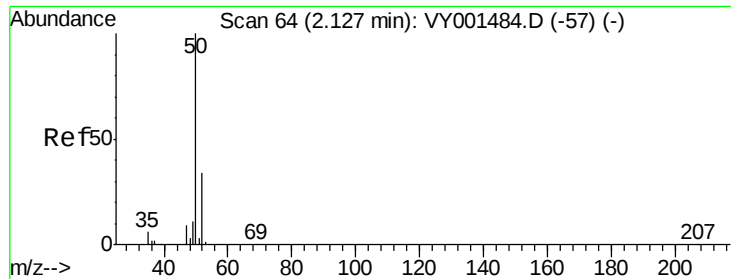
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1.90

2.00

Time-->





#3

Chloromethane

Concen: 58.635 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 105478

Ion Ratio Lower Upper

50 100

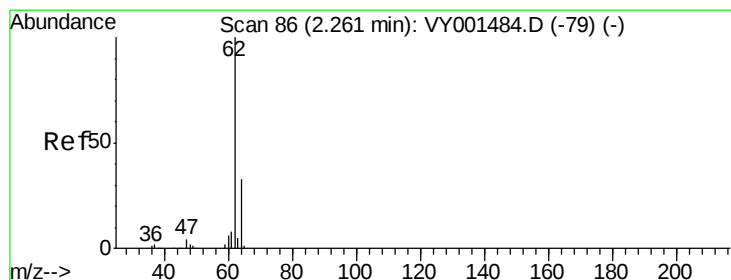
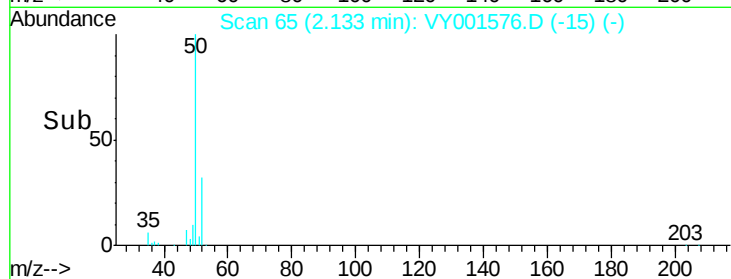
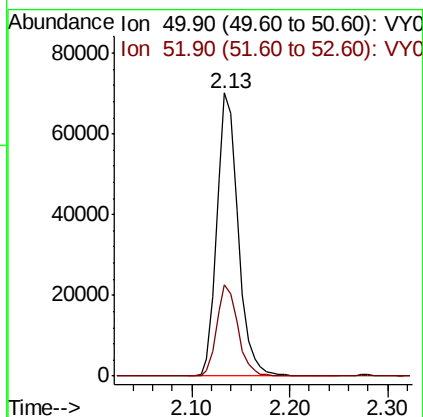
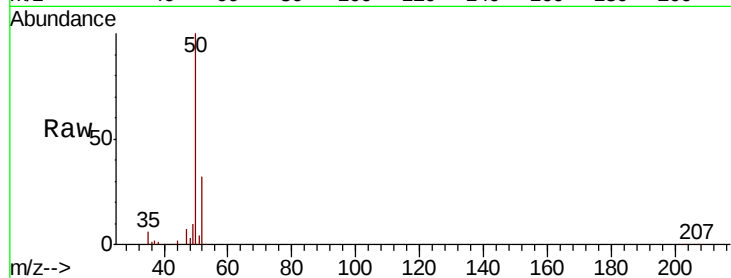
52 32.2 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.293 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001576.D

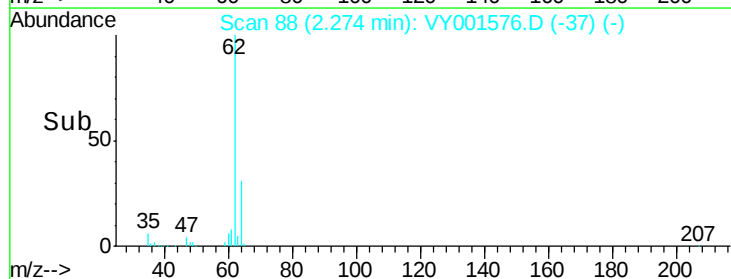
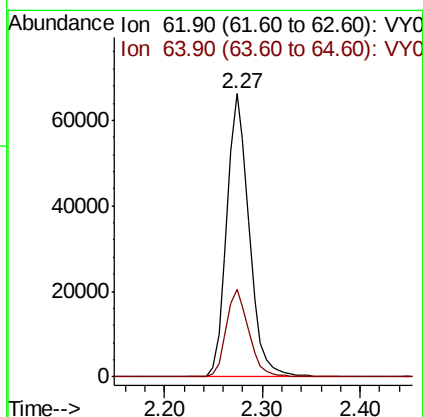
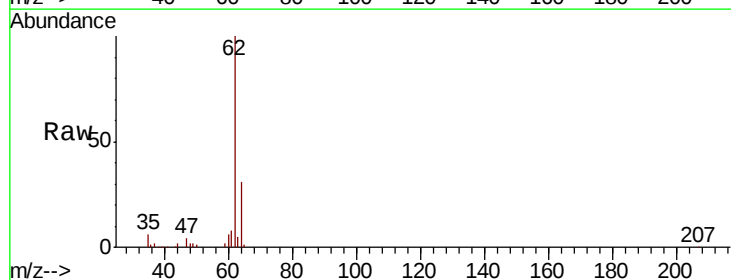
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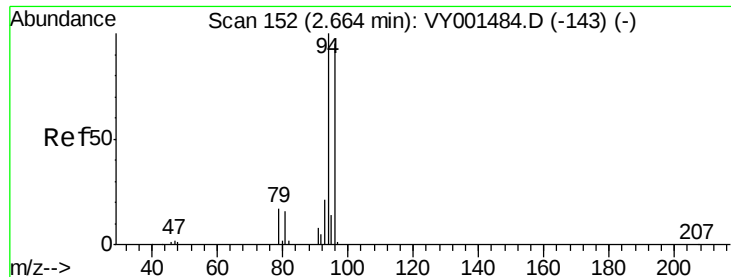
Tgt Ion: 62 Resp: 105148

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6





#5

Bromomethane

Concen: 61.909 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

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Tot Ion: 94 Resp: 72725

Ion Ratio Lower Upper

94 100

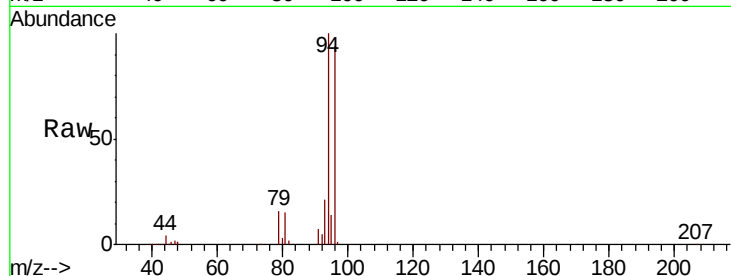
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Manual Integrations

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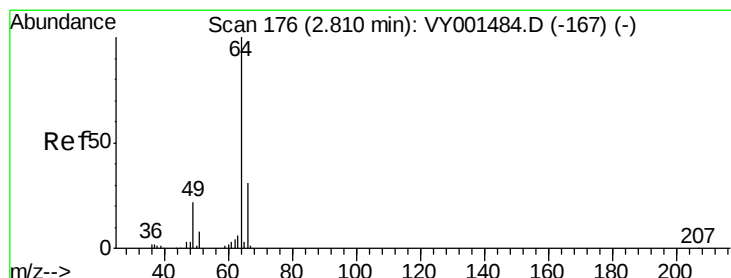
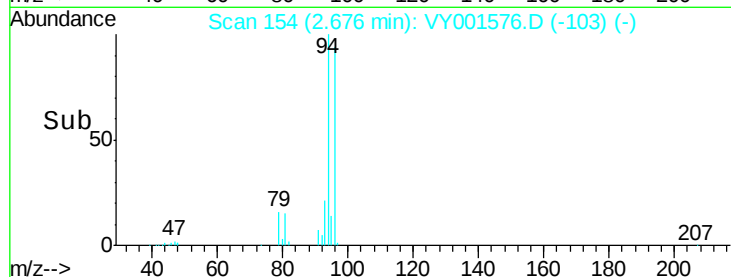
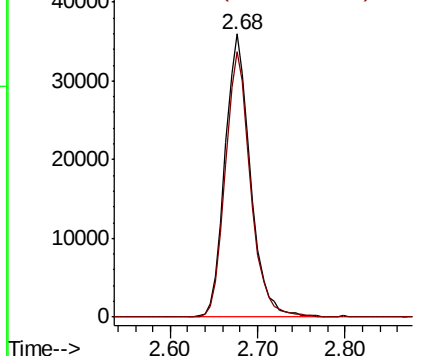
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 60.817 ug/l

RT: 2.82 min Scan# 178

Delta R.T. 0.01 min

Lab File: VY001576.D

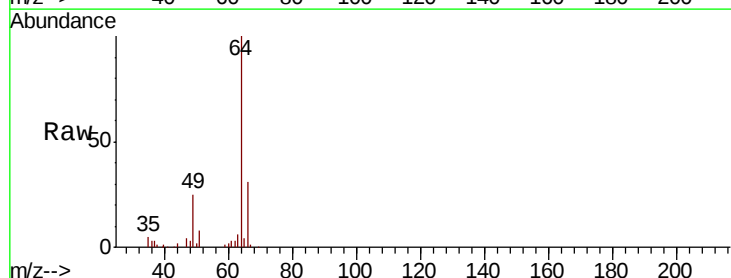
Acq: 07 Feb 2020 23:25

Tgt Ion: 64 Resp: 68474

Ion Ratio Lower Upper

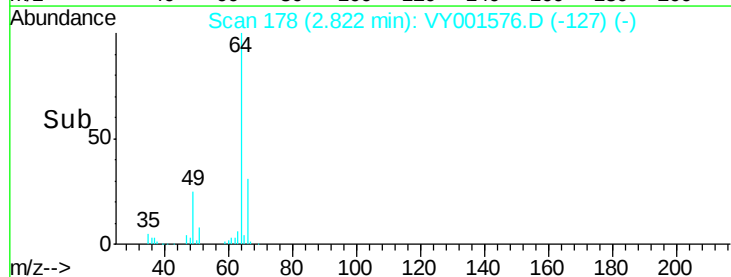
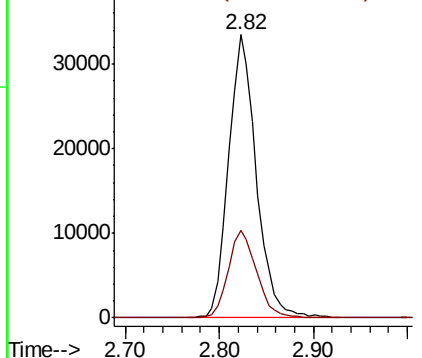
64 100

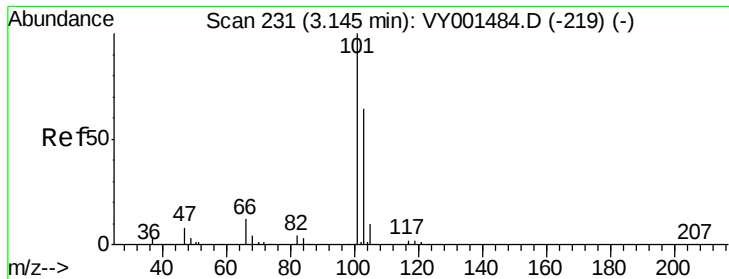
66 30.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

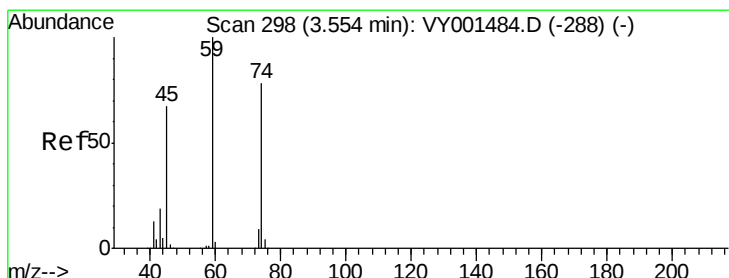
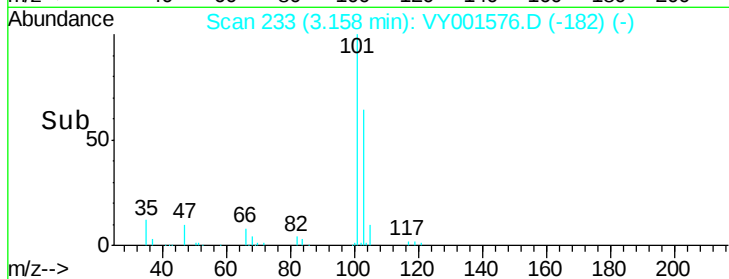
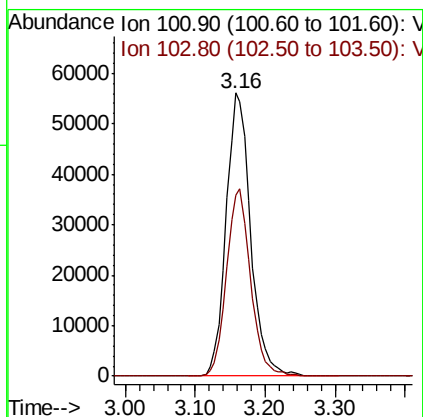
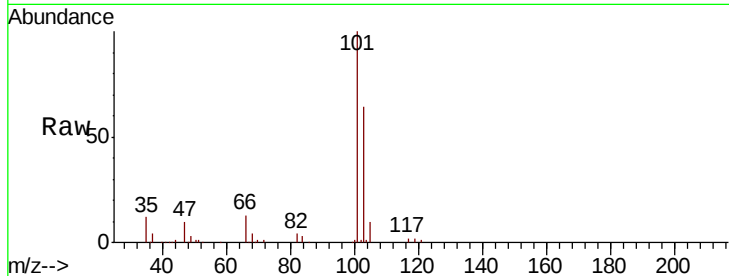
Trichlorofluoromethane
Concen: 44.164 ug/l
RT: 3.16 min Scan# 233
Delta R.T. 0.01 min
Lab File: VY001576.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.9	76.3

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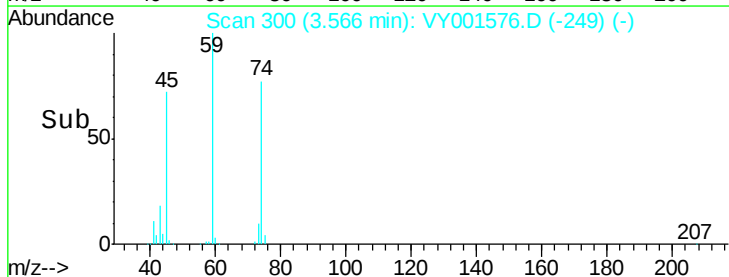
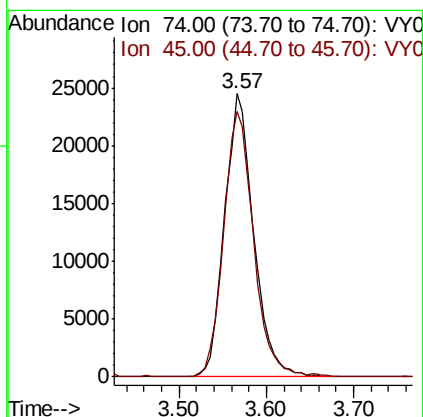
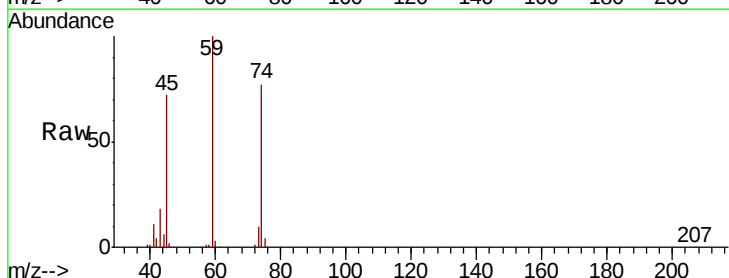
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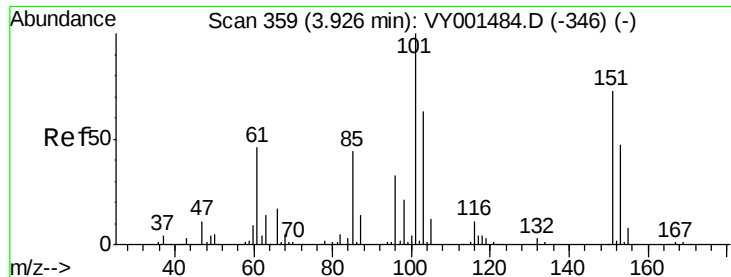


#8

Diethyl Ether
Concen: 54.390 ug/l
RT: 3.57 min Scan# 300
Delta R.T. 0.01 min
Lab File: VY001576.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	44.5	133.5





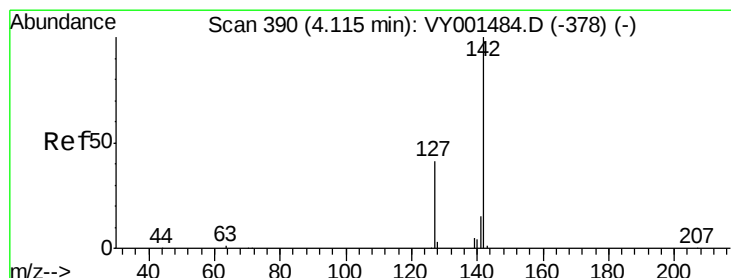
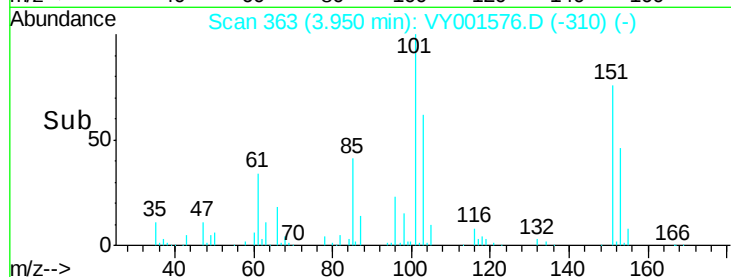
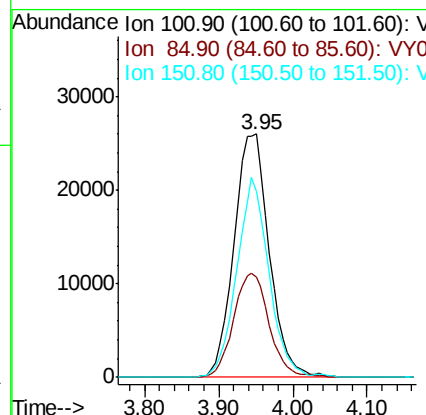
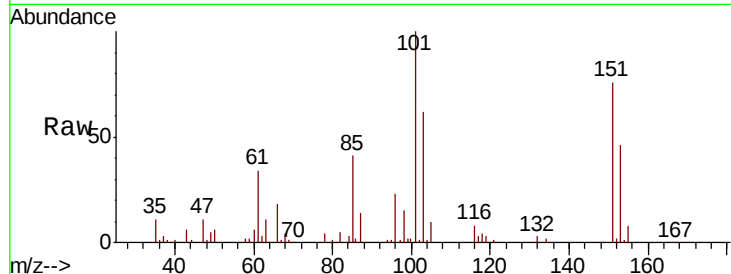
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.594 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	86679		
85	42.9		34.6	51.8
151	74.1		60.3	90.5

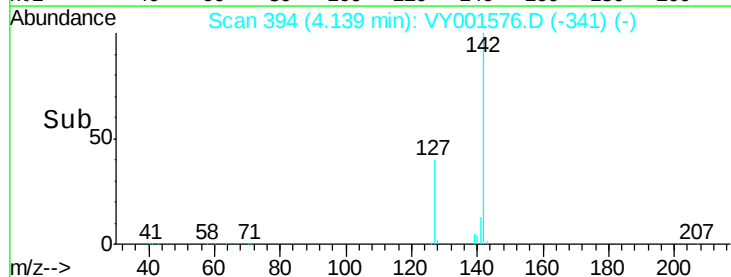
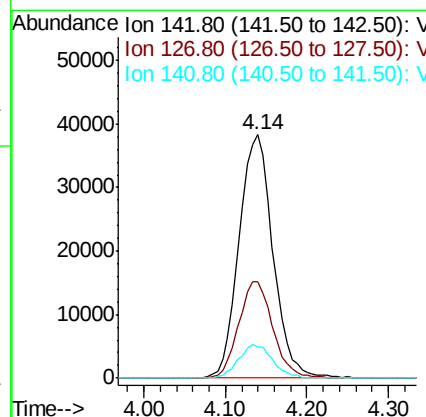
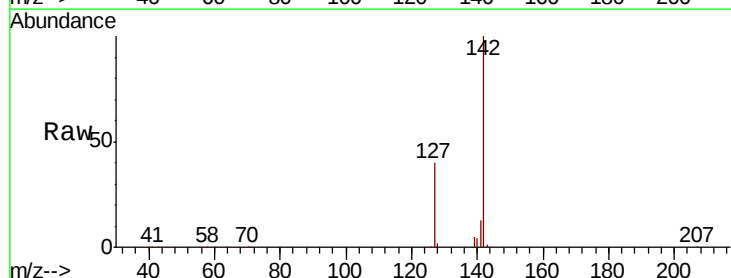
Manual Integrations
APPROVED

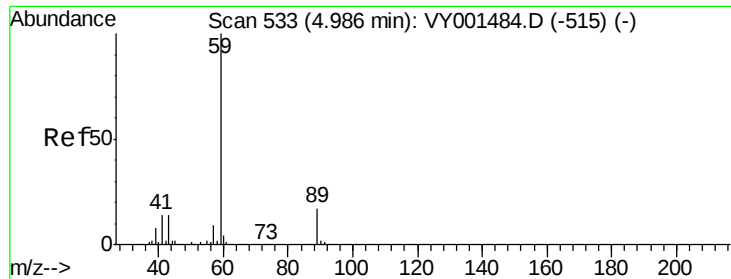
MMDadoda
2/10/2020 11:26:59 AM



#10
Methyl Iodide
Concen: 46.548 ug/l
RT: 4.14 min Scan# 394
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	110336		
127	40.0		33.3	49.9
141	13.8		11.5	17.3





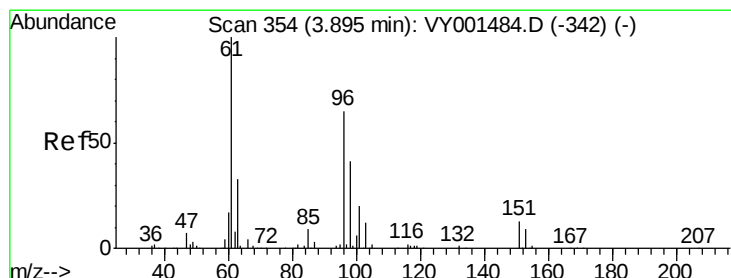
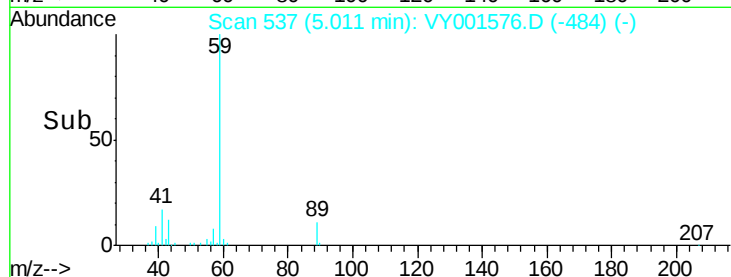
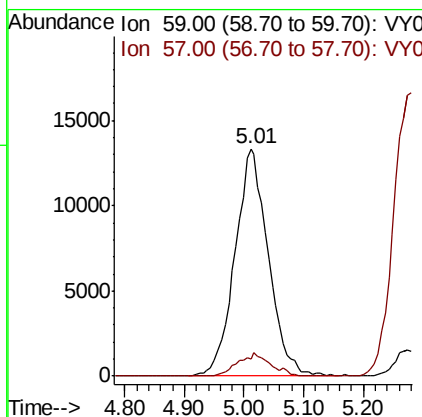
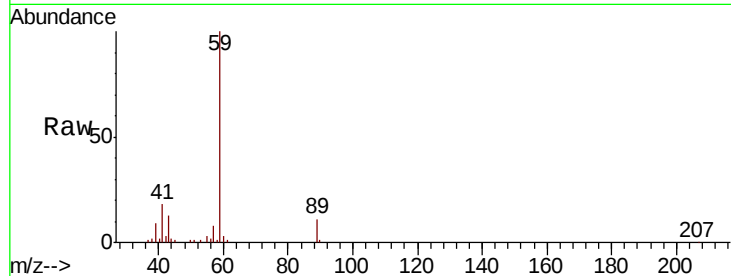
#11
Tert butyl alcohol
Concen: 262.994 ug/l
RT: 5.01 min Scan# 537
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	52007
Ion Ratio	100	Lower	Upper
57	9.8	7.0	10.6

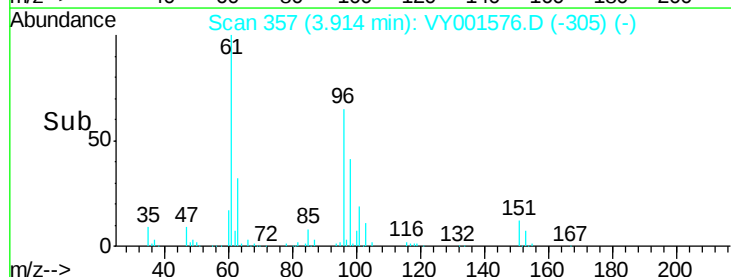
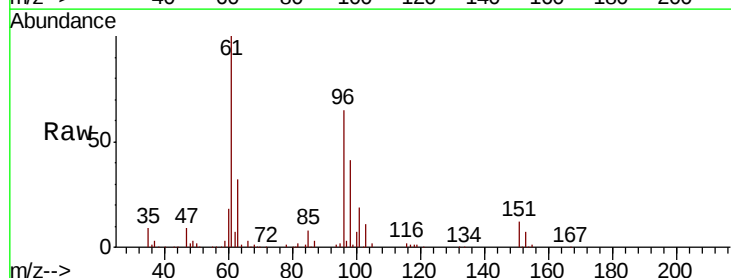
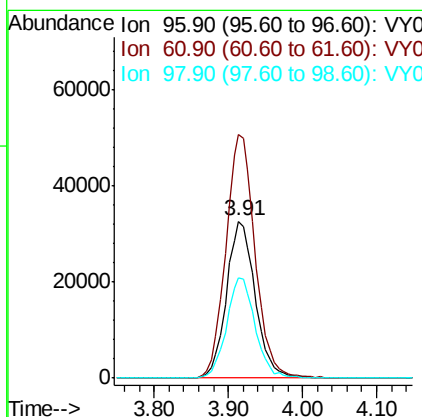
Manual Integrations
APPROVED

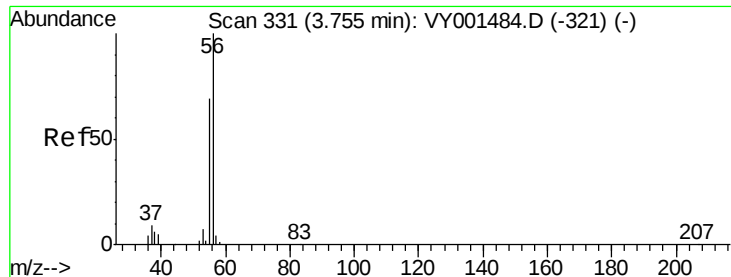
MMDadoda
2/10/2020 11:26:59 AM



#12
1,1-Dichloroethene
Concen: 47.501 ug/l
RT: 3.91 min Scan# 357
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	96	Resp	87811
Ion Ratio	100	Lower	Upper
61	154.9	122.3	183.5
98	63.8	49.7	74.5





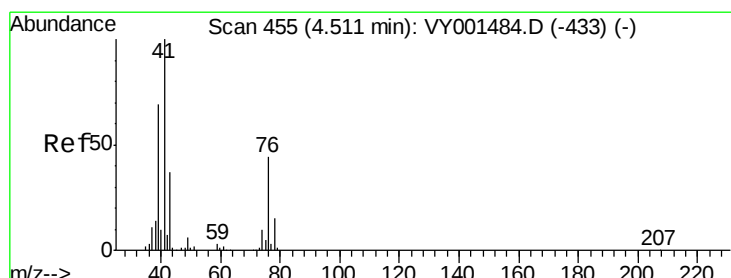
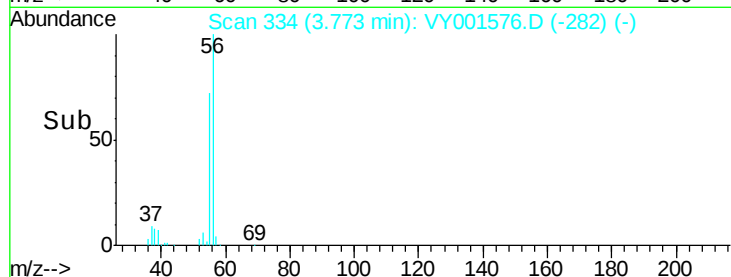
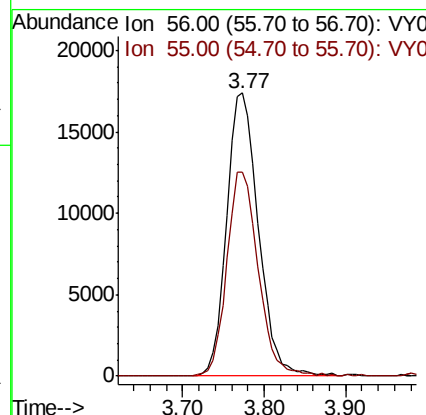
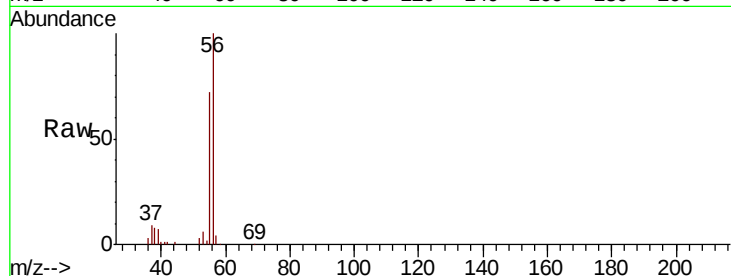
#13
Acrolein
Concen: 279.081 ug/l
RT: 3.77 min Scan# 334
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	46783
Ion Ratio	Lower	Upper	
56	100		
55	71.6	56.2	84.4

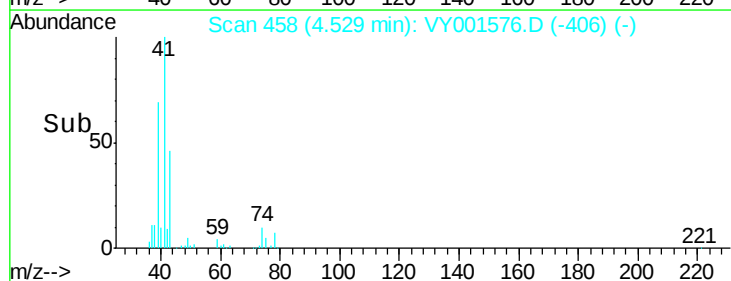
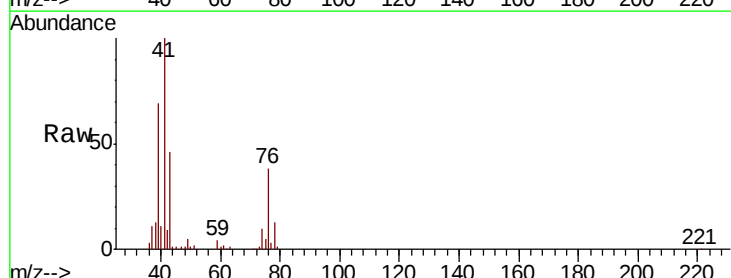
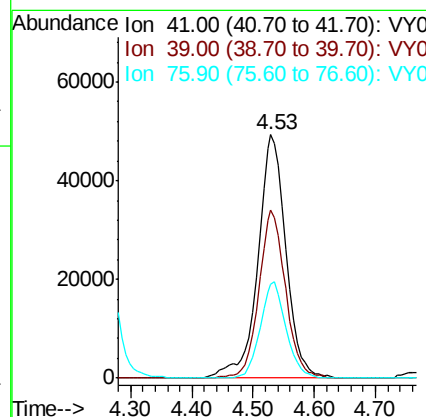
Manual Integrations
APPROVED

MMDadoda
2/10/2020 11:26:59 AM



#14
Allyl chloride
Concen: 56.037 ug/l
RT: 4.53 min Scan# 458
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	41	Resp	158469
Ion Ratio	Lower	Upper	
41	100		
39	66.0	53.0	79.6
76	36.2	32.6	48.8





#15

Acrylonitrile

Concen: 317.704 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

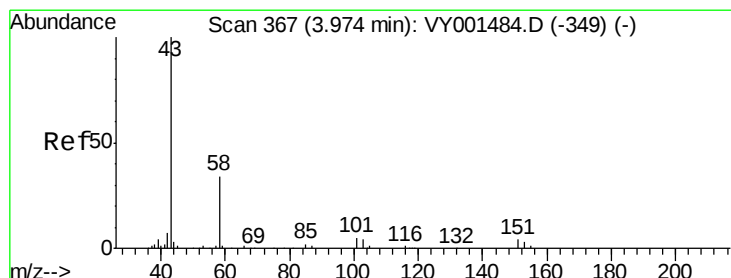
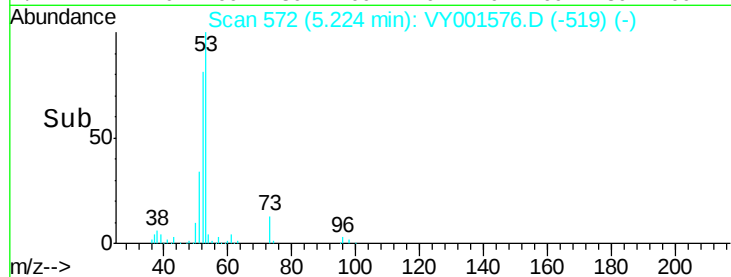
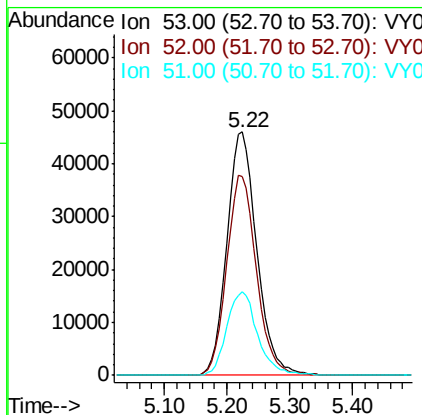
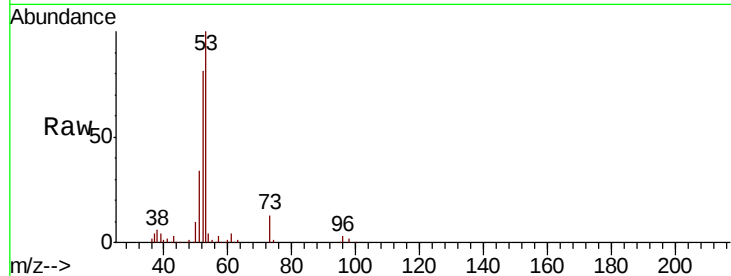
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	151960
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.4	98.2
51	35.5	29.0	43.4

Manual Integrations
APPROVED

MMDadoda
2/10/2020 11:26:59 AM



#16

Acetone

Concen: 221.633 ug/l

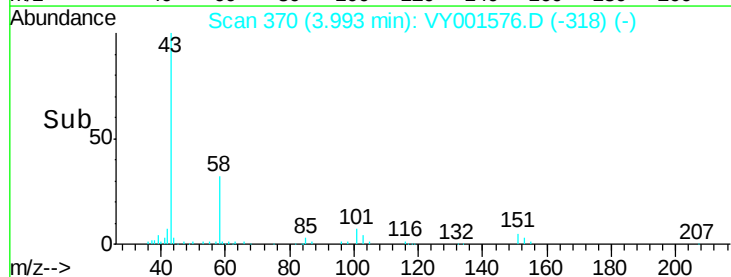
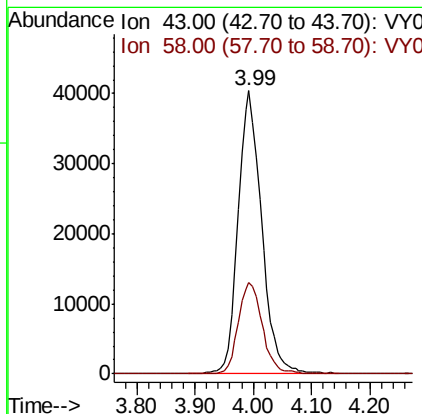
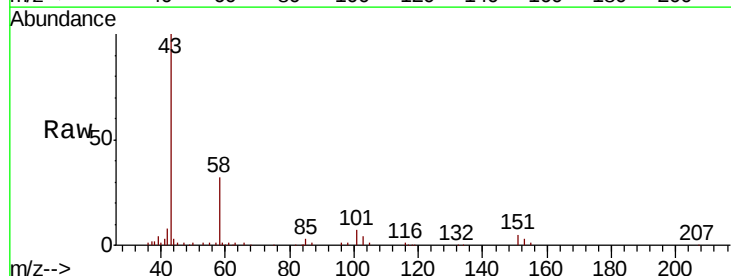
RT: 3.99 min Scan# 370

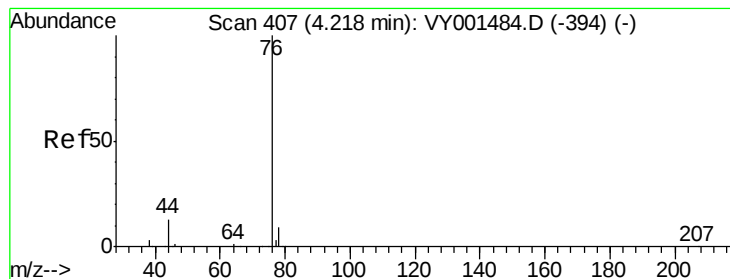
Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Tgt Ion:	43	Resp:	113497
Ion	Ratio	Lower	Upper
43	100		
58	32.1	27.5	41.3





#17

Carbon Disulfide

Concen: 49.048 ug/l

RT: 4.24 min Scan# 410

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 288647

Ion Ratio Lower Upper

76 100

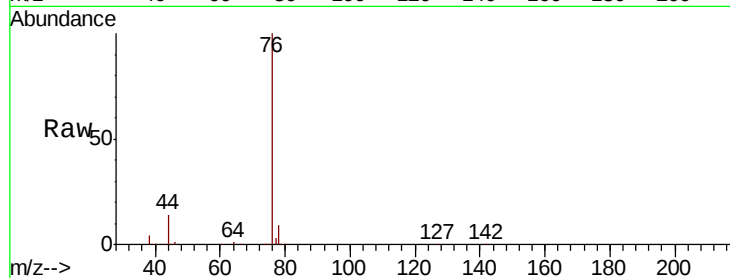
78 8.9 7.0 10.6

Manual Integrations

APPROVED

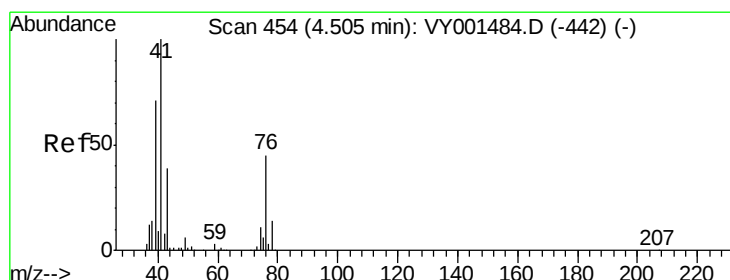
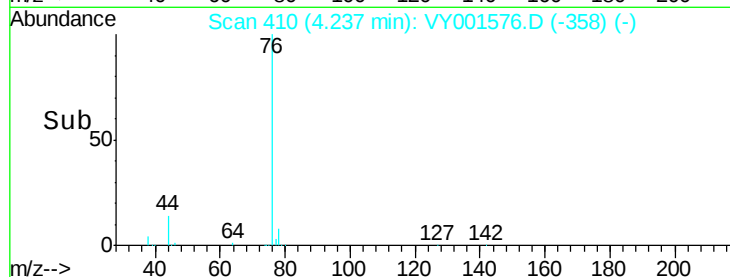
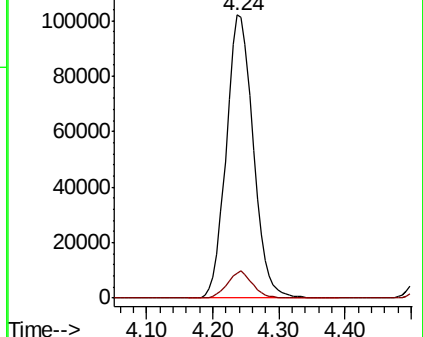
MMDadoda

2/10/2020 11:26:59 AM



Abundance Ion 75.90 (75.60 to 76.60): VY001576.D (-358) (-)

Ion 77.90 (77.60 to 78.60): VY001576.D (-358) (-)



#18

Methyl Acetate

Concen: 62.512 ug/l

RT: 4.53 min Scan# 458

Delta R.T. 0.02 min

Lab File: VY001576.D

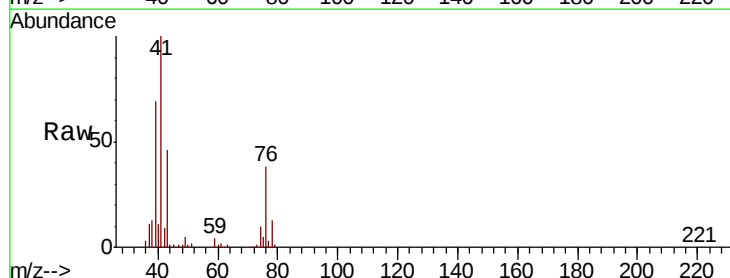
Acq: 07 Feb 2020 23:25

Tgt Ion: 43 Resp: 68313

Ion Ratio Lower Upper

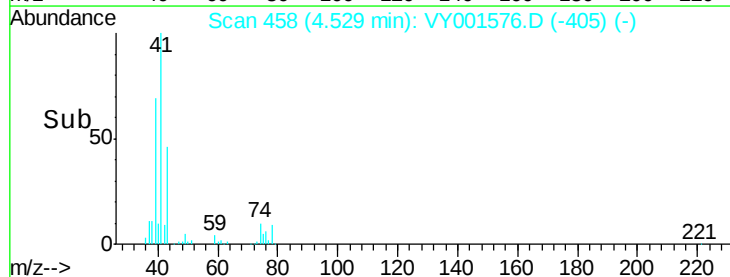
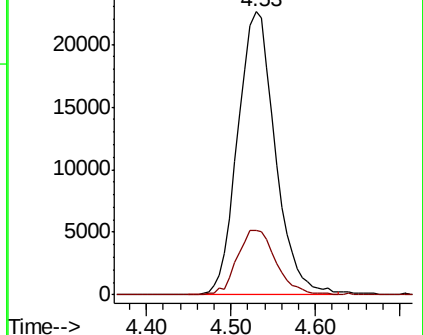
43 100

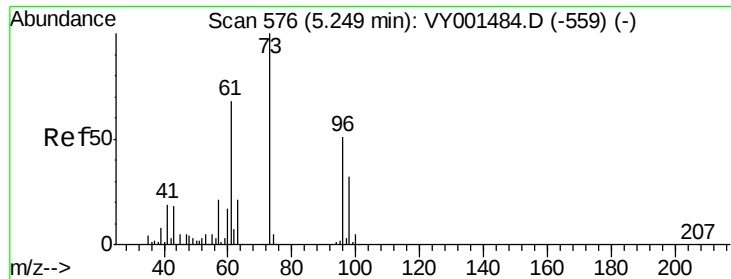
74 23.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY001576.D (-405) (-)

Ion 74.00 (73.70 to 74.70): VY001576.D (-405) (-)





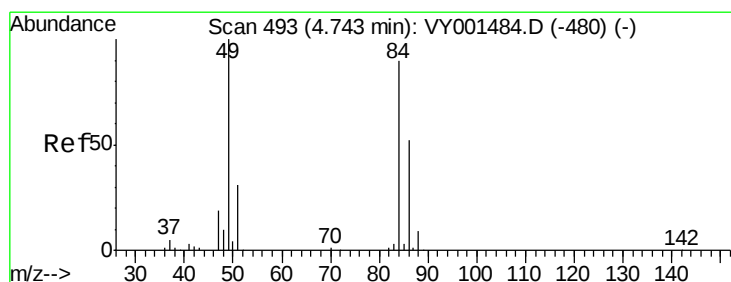
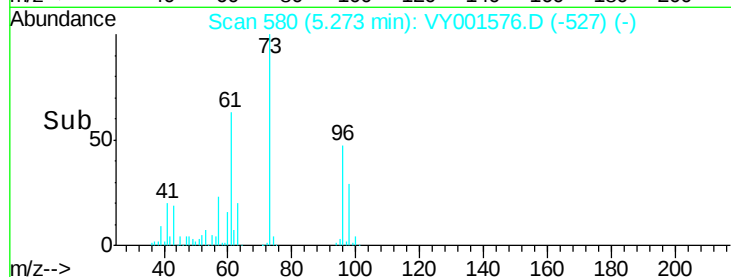
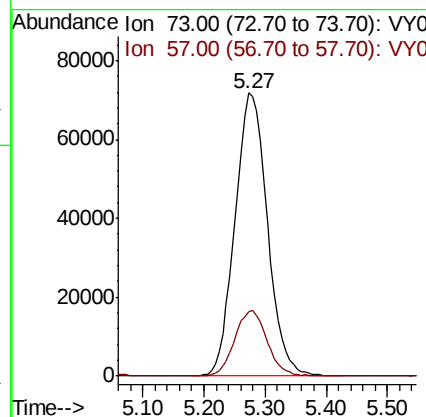
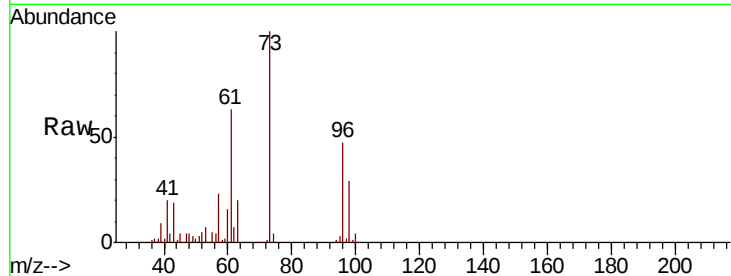
#19
Methvl tert-butvl Ether
Concen: 53.539 ug/l
RT: 5.27 min Scan# 580
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.0	25.6

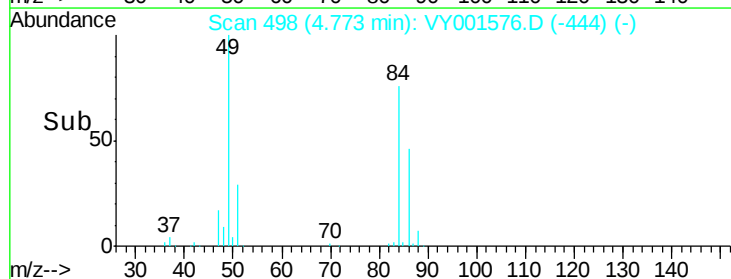
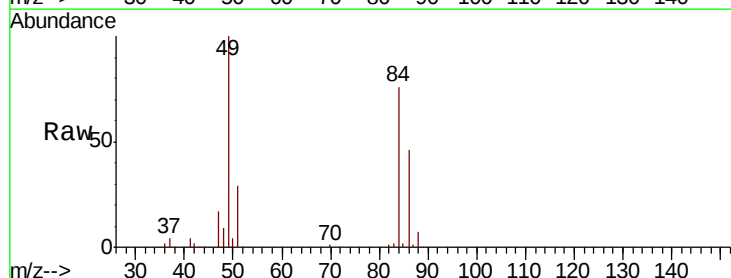
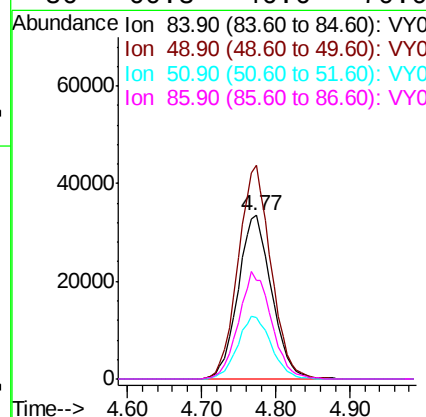
Manual Integrations
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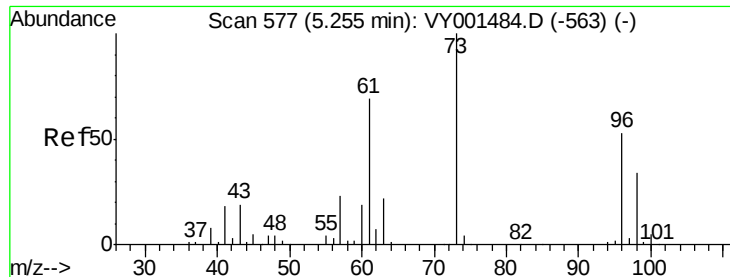
MMDadoda
2/10/2020 11:26:59 AM



#20
Methylene Chloride
Concen: 53.210 ug/l
RT: 4.77 min Scan# 498
Delta R.T. 0.03 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.8	89.0	133.6
51	37.5	27.4	41.2
86	60.3	46.6	70.0





#21

trans-1,2-Dichloroethene

Concen: 50.009 ug/l

RT: 5.27 min Scan# 580

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 102773

Ion Ratio Lower Upper

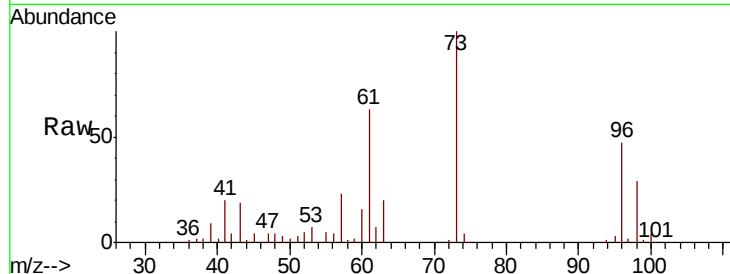
96 100

61 135.7 104.2 156.4

98 61.8 51.4 77.0

Manual Integrations
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MMDadoda
2/10/2020 11:26:59 AM

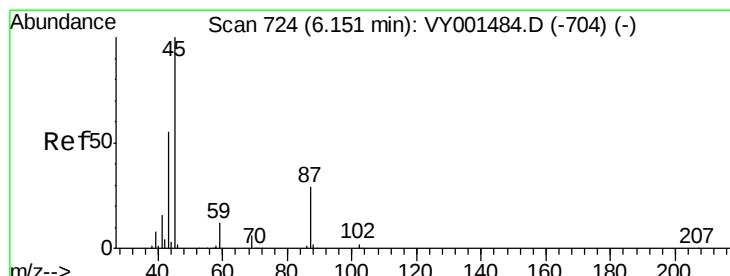
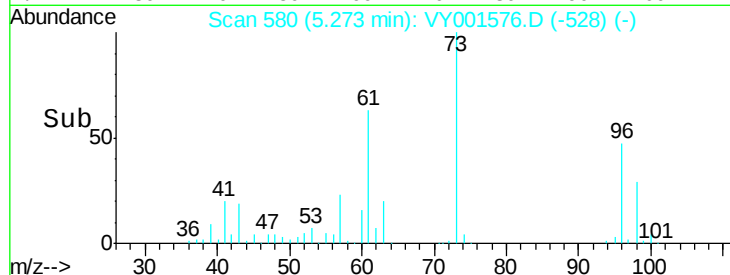
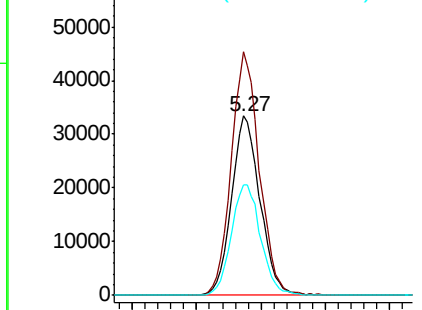


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 61.168 ug/l

RT: 6.18 min Scan# 728

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Tgt Ion: 45 Resp: 342710

Ion Ratio Lower Upper

45 100

43 53.9 44.2 66.4

87 25.7 23.9 35.9

59 11.2 10.2 15.2

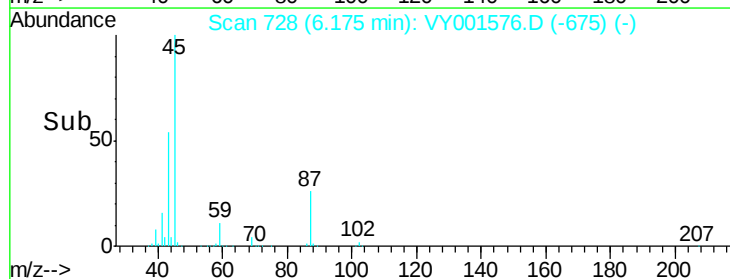
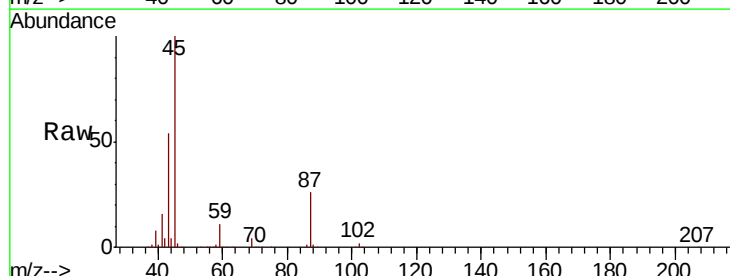
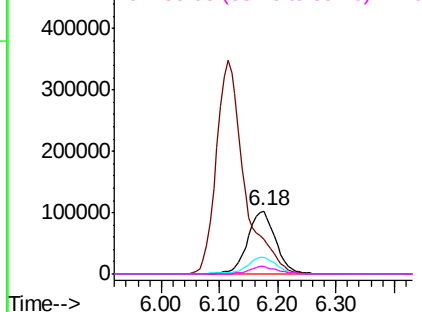
Abundance

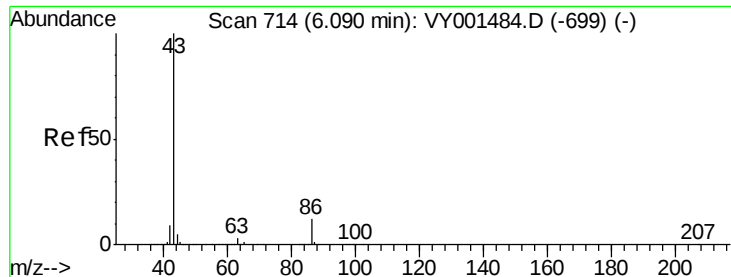
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 323.652 ug/l

RT: 6.11 min Scan# 718

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1154369

Ion Ratio Lower Upper

43 100

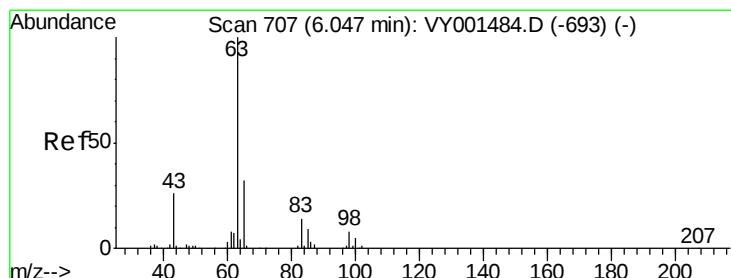
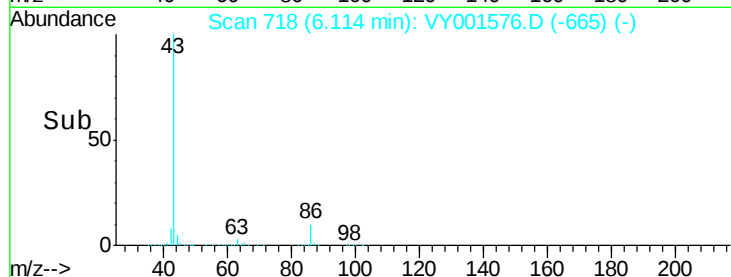
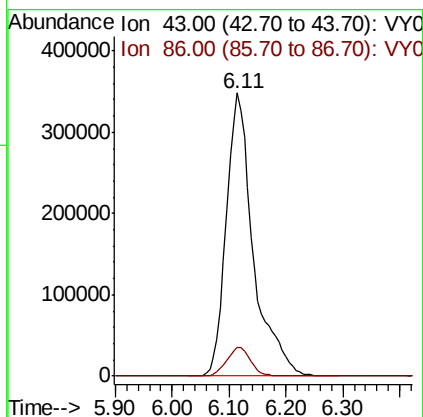
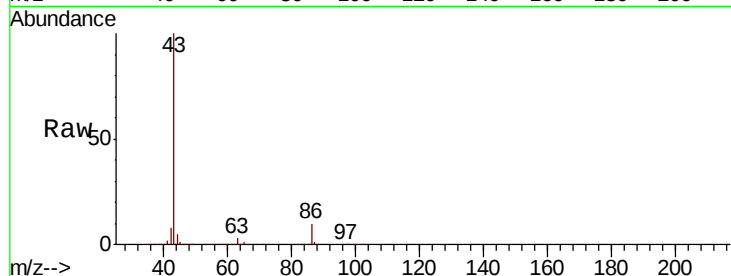
86 10.2 9.8 14.8

Manual Integrations

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MMDadoda

2/10/2020 11:26:59 AM



#24

1,1-Dichloroethane

Concen: 53.247 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.03 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

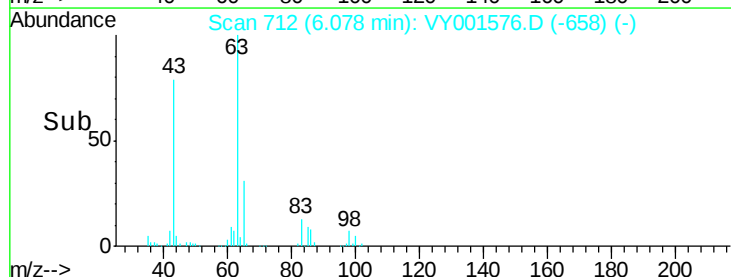
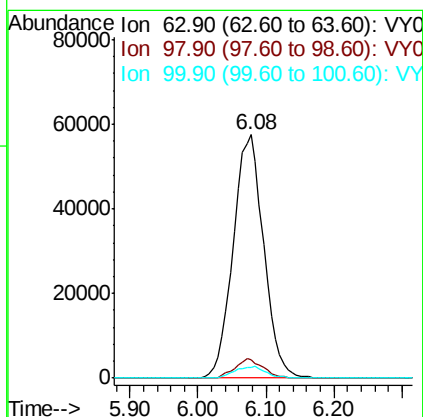
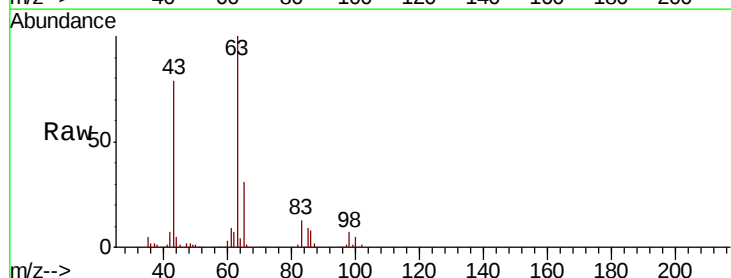
Tgt Ion: 63 Resp: 179444

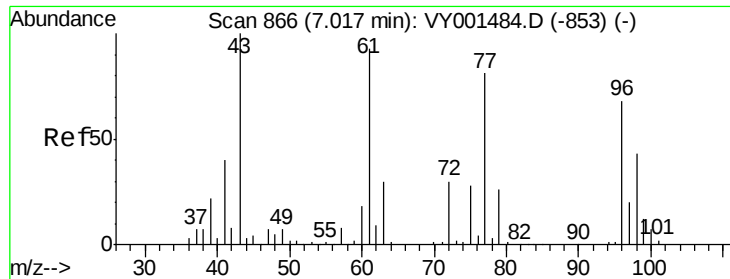
Ion Ratio Lower Upper

63 100

98 7.4 4.0 11.9

100 4.6 2.6 8.0





#25

2-Butanone

Concen: 299.735 ug/l

RT: 7.04 min Scan# 869

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 199133

Ion Ratio Lower Upper

43 100

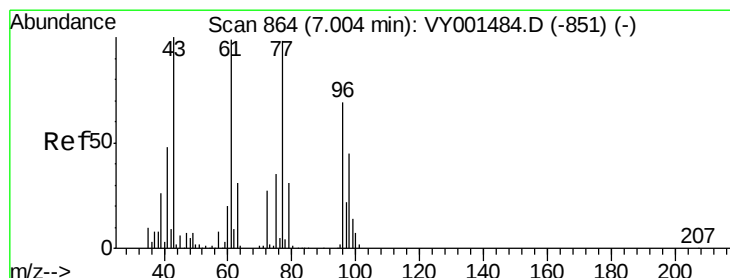
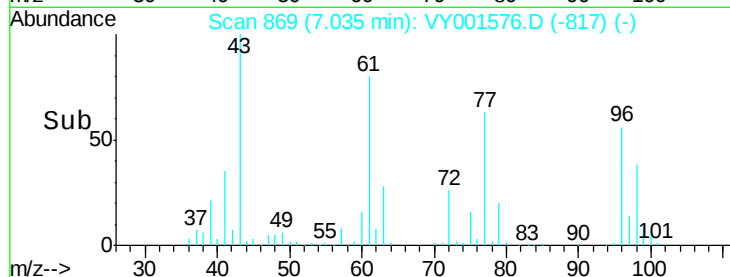
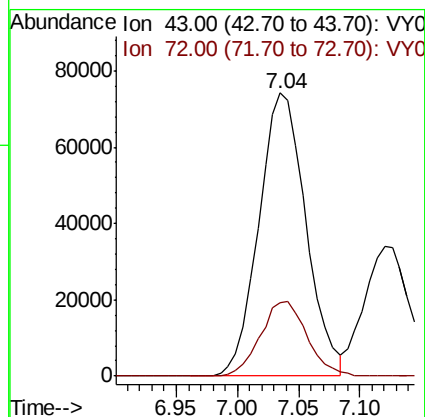
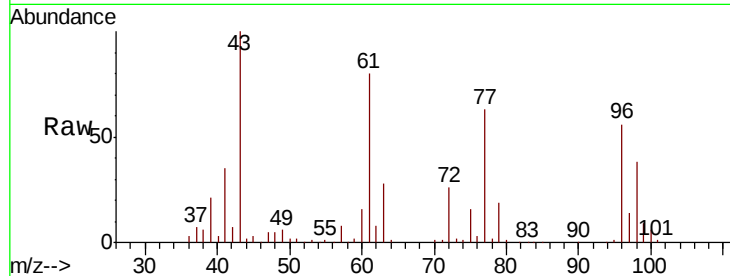
72 25.9 23.8 35.8

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#26

2,2-Dichloropropane

Concen: 43.932 ug/l

RT: 7.04 min Scan# 869

Delta R.T. 0.03 min

Lab File: VY001576.D

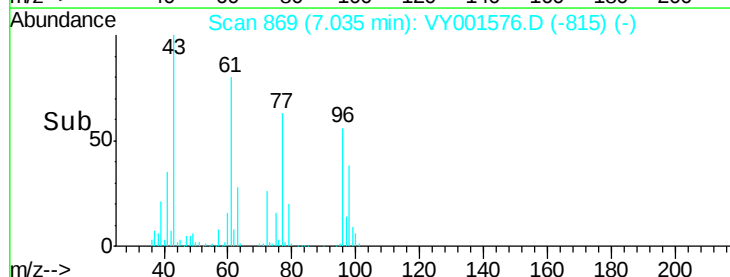
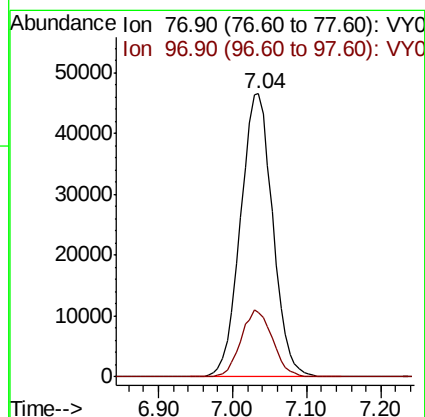
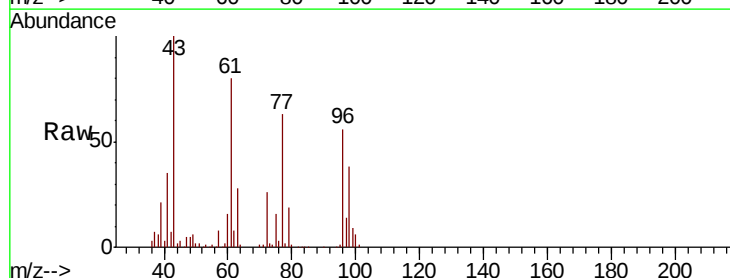
Acq: 07 Feb 2020 23:25

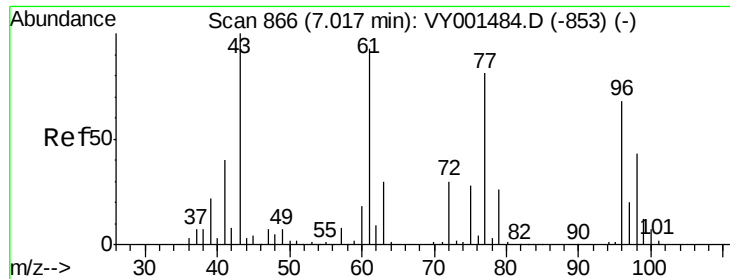
Tgt Ion: 77 Resp: 141695

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

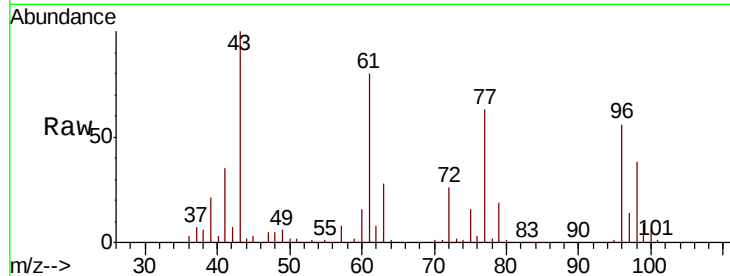
cis-1,2-Dichloroethene
Concen: 51.389 ug/l
RT: 7.04 min Scan# 869
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

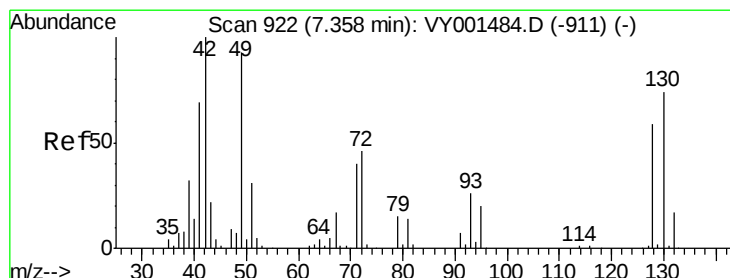
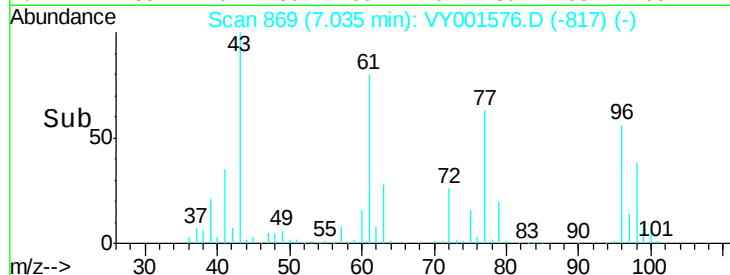
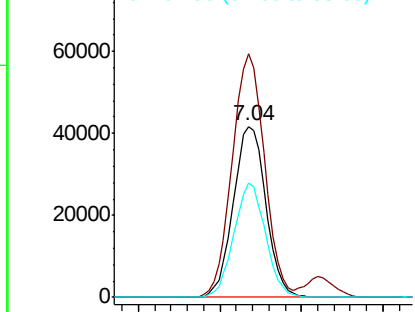
Tot Ion	Ratio	Resp	Lower	Upper
96	100	115348		
61	141.7	0.0	278.8	
98	64.8	0.0	128.8	

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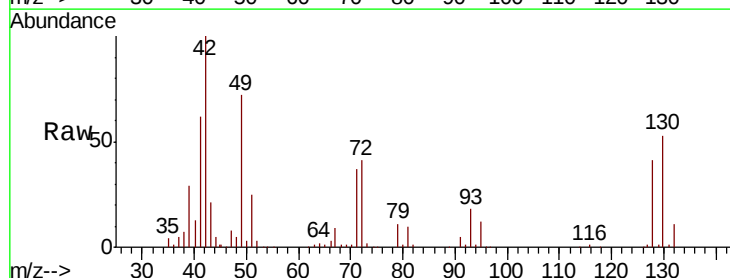
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



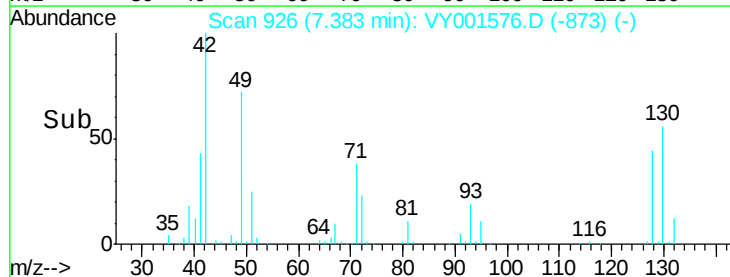
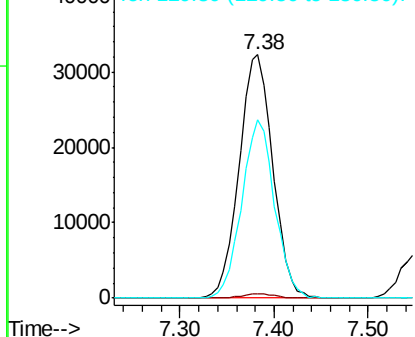
#28

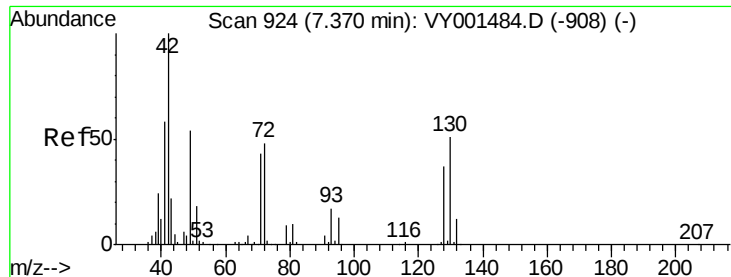
Bromochloromethane
Concen: 70.349 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80764		
129	1.7	0.0	4.8	
130	71.7	65.4	98.2	



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





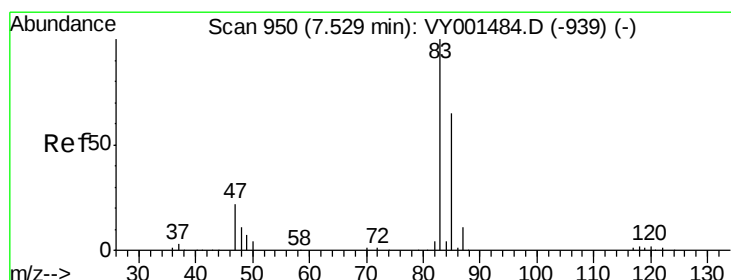
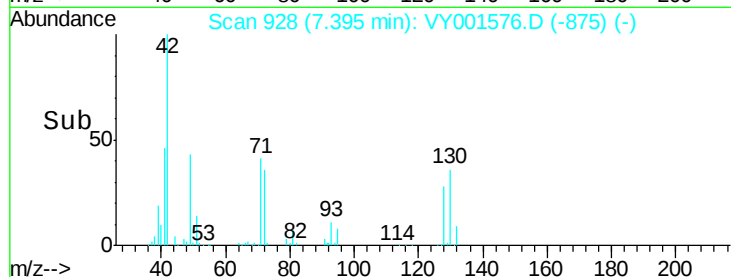
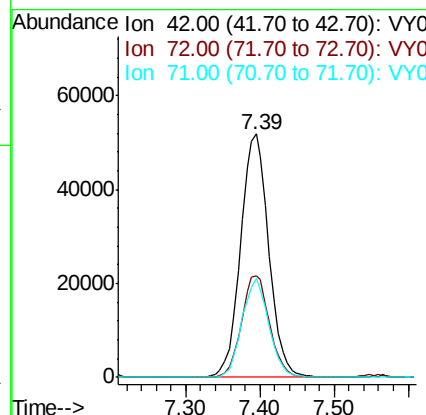
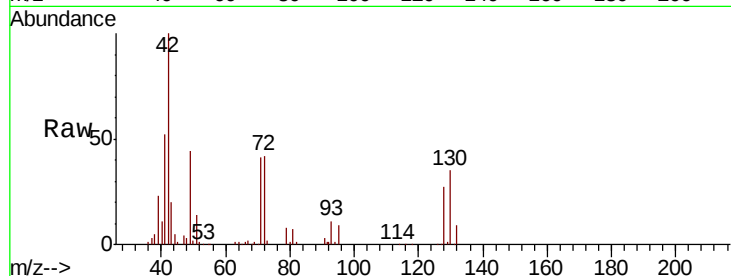
#29
Tetrahydrofuran
Concen: 345.476 ug/l
RT: 7.39 min Scan# 928
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	37.8	56.6
71	38.8	34.8	52.2

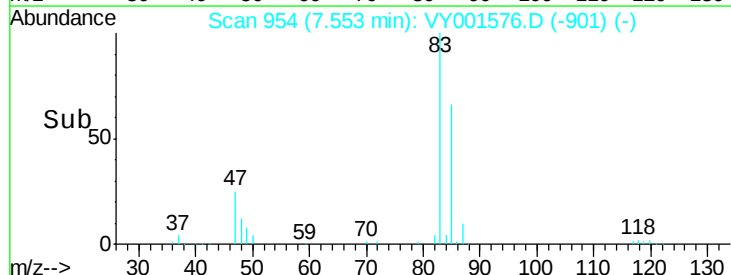
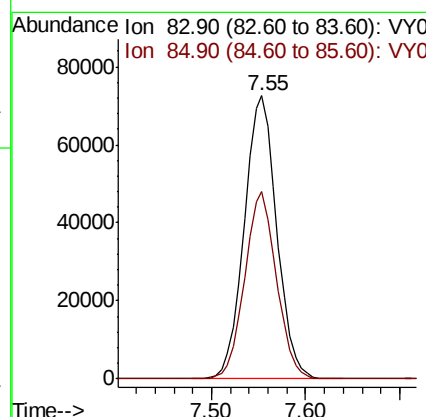
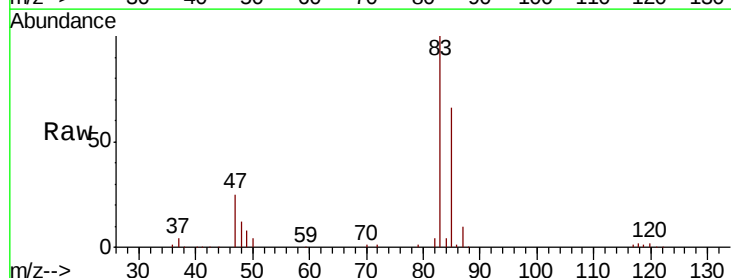
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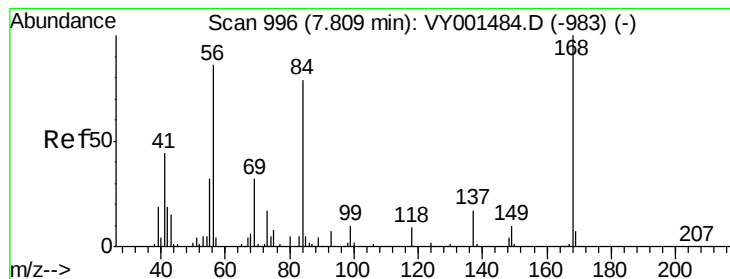
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#30
Chloroform
Concen: 51.200 ug/l
RT: 7.55 min Scan# 954
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.4	78.6





#31

Cyclohexane

Concen: 48.983 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

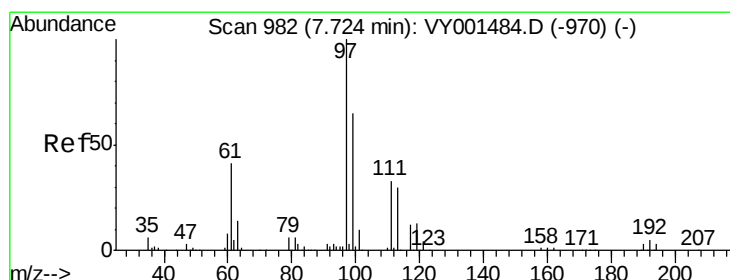
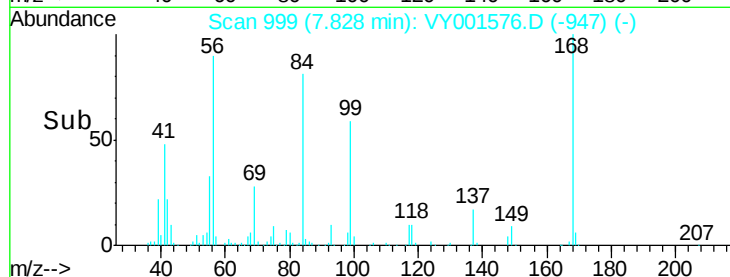
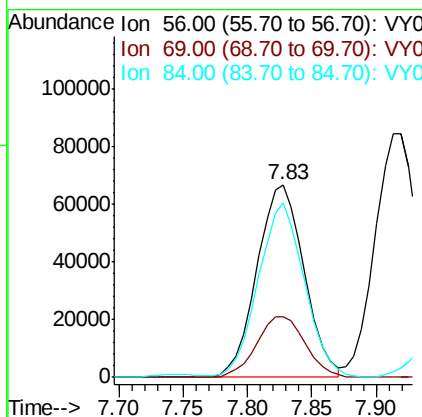
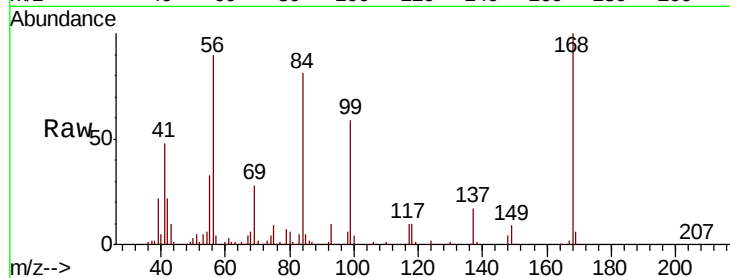
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	168859
Ion	Ratio	Lower	Upper
56	100		
69	31.6	29.6	44.4
84	89.3	73.6	110.4

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#32

1,1,1-Trichloroethane

Concen: 47.278 ug/l

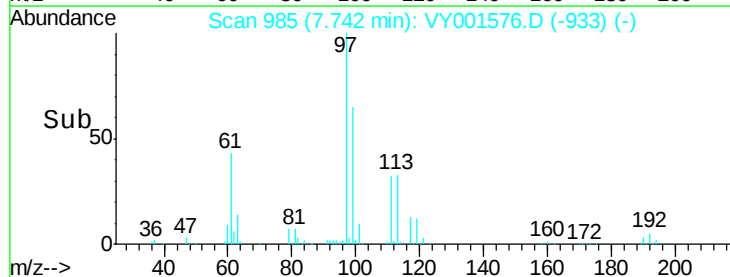
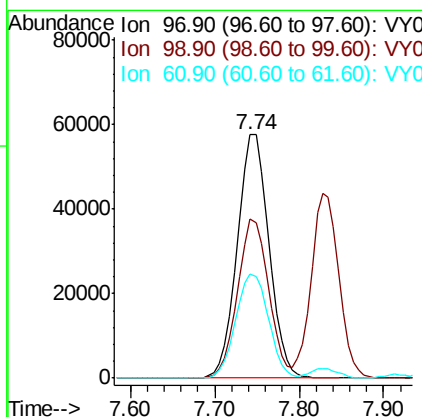
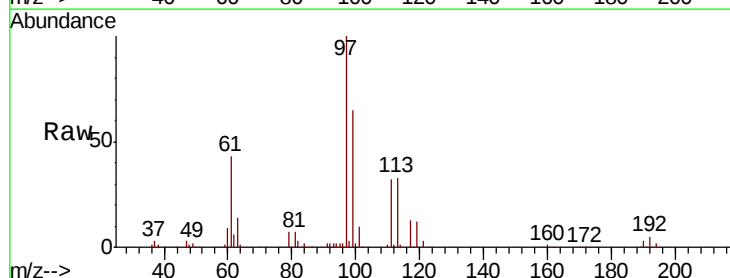
RT: 7.74 min Scan# 985

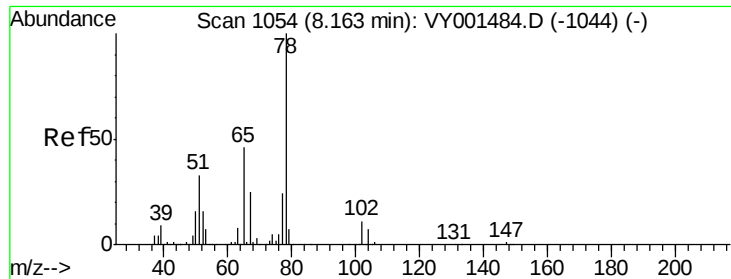
Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Tgt Ion:	97	Resp:	146326
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	44.2	32.5	48.7





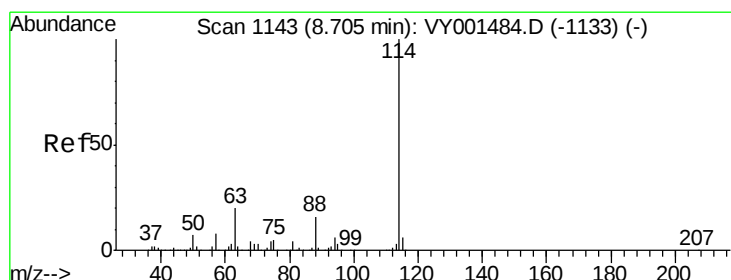
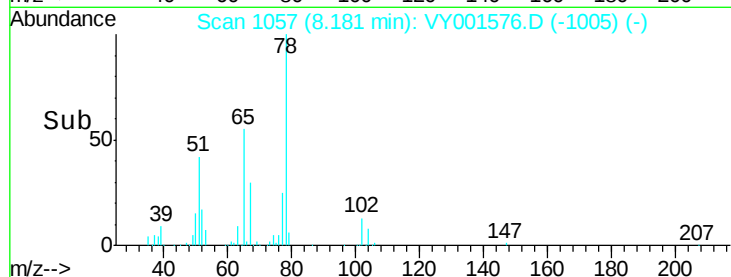
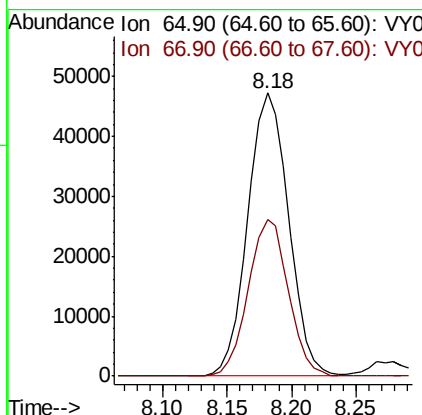
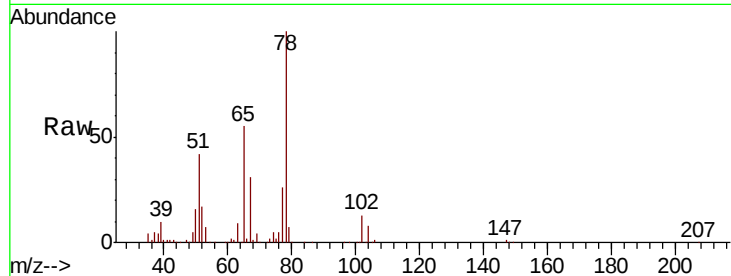
#33
 1,2-Dichloroethane-d4
 Concen: 58.641 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	103815		
67	54.2	0.0	108.6	

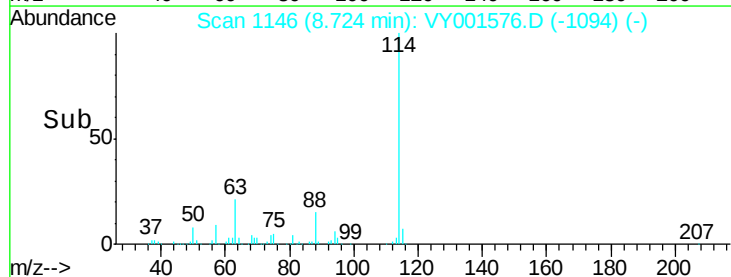
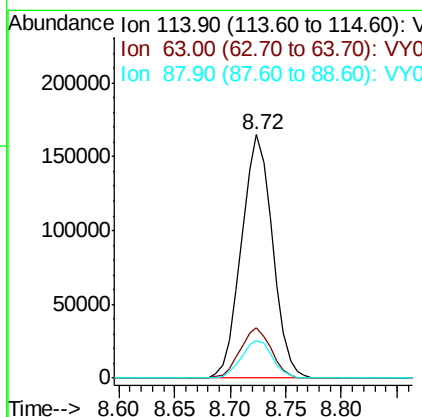
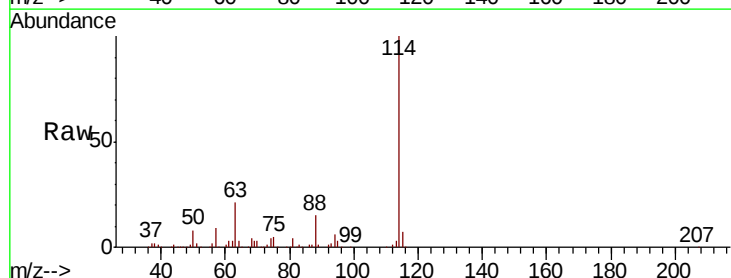
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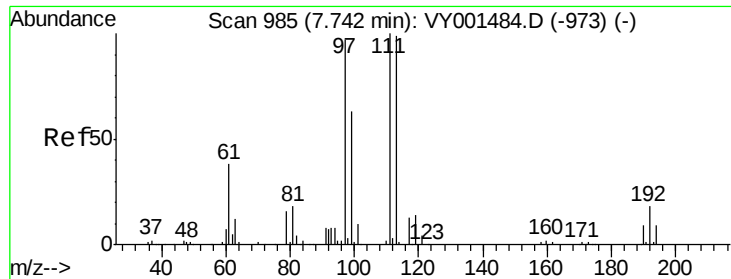
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	320329		
63	20.6	0.0	39.8	
88	15.3	0.0	32.6	





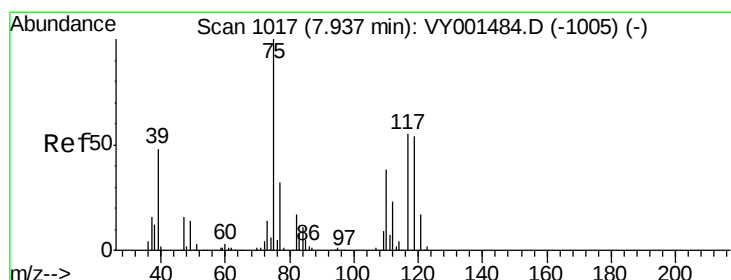
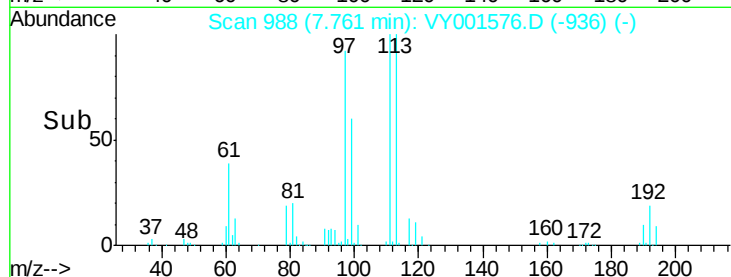
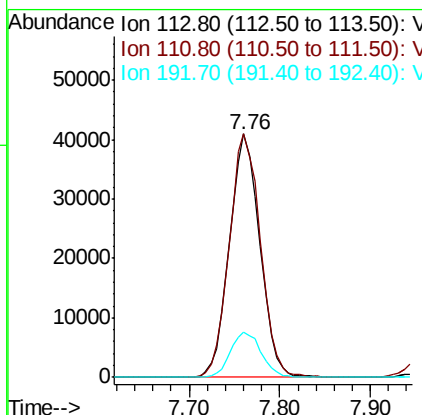
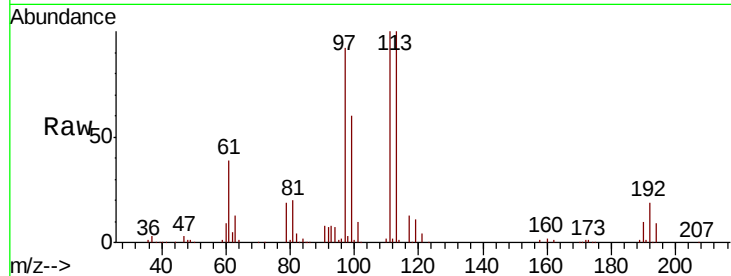
#35
 Dibromofluoromethane
 Concen: 51.677 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	95456		
111	102.2	82.9	124.3	
192	18.8	14.6	22.0	

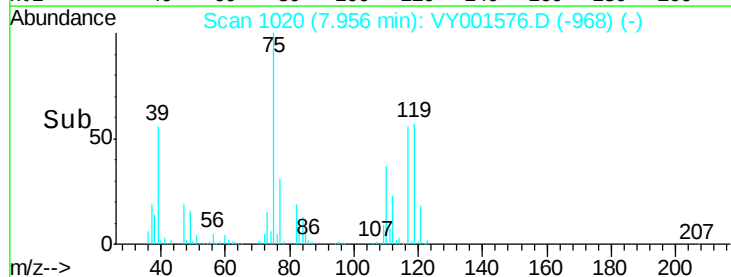
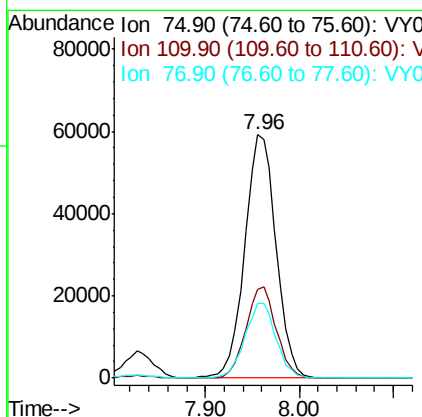
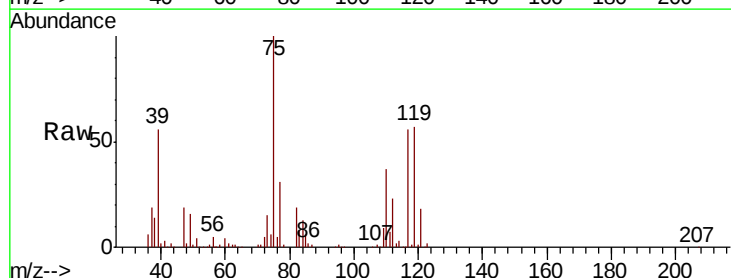
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#36
 1,1-Dichloropropene
 Concen: 47.095 ug/l
 RT: 7.96 min Scan# 1020
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138008		
110	36.1	18.2	54.6	
77	30.8	25.0	37.4	





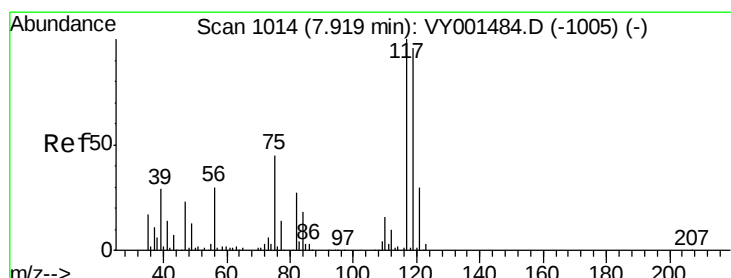
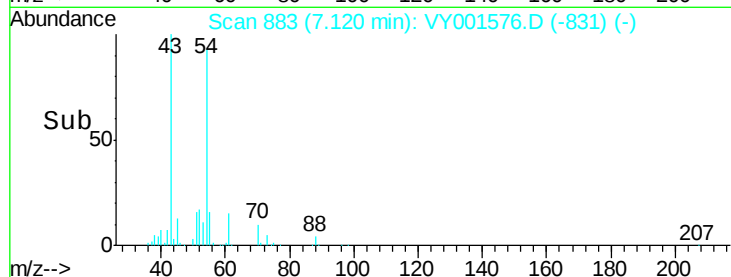
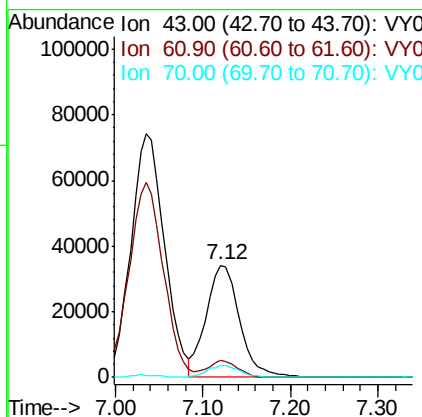
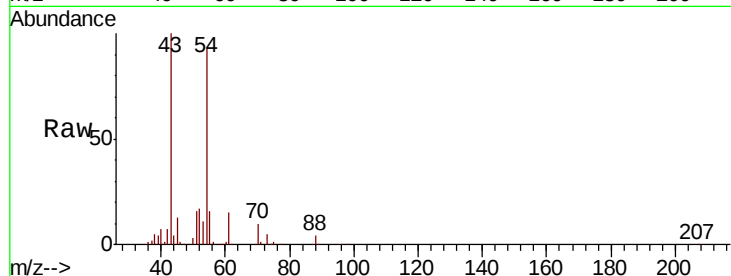
#37
Ethyl Acetate
Concen: 64.008 ug/l
RT: 7.12 min Scan# 883
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.0	18.0
70	10.3	10.2	15.4

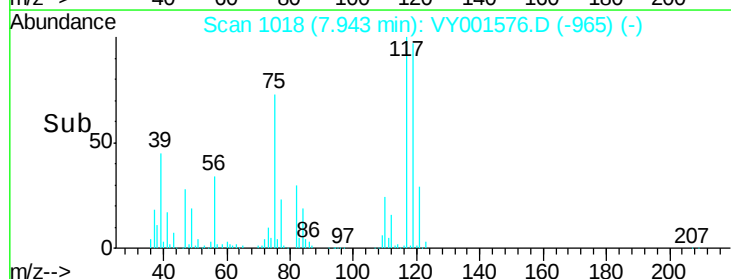
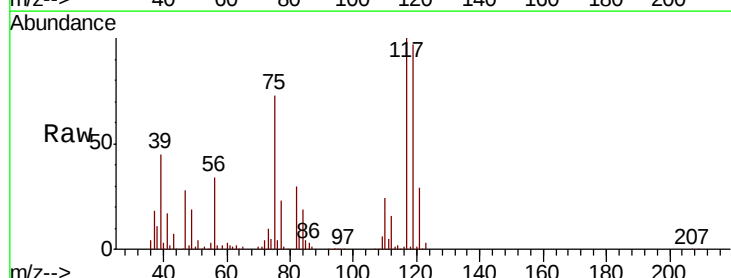
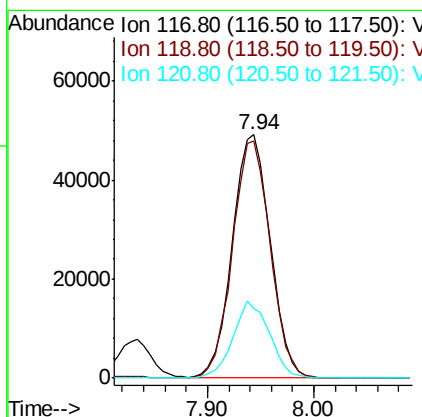
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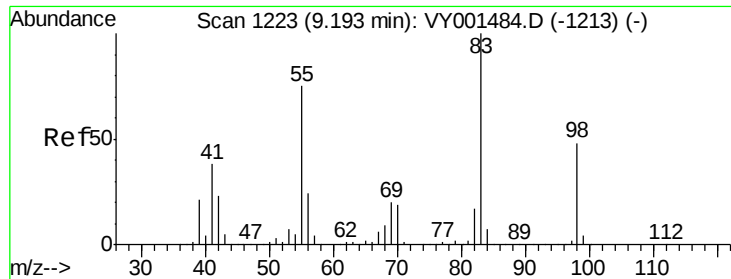
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#38
Carbon Tetrachloride
Concen: 43.410 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.4	114.6
121	28.8	24.2	36.4





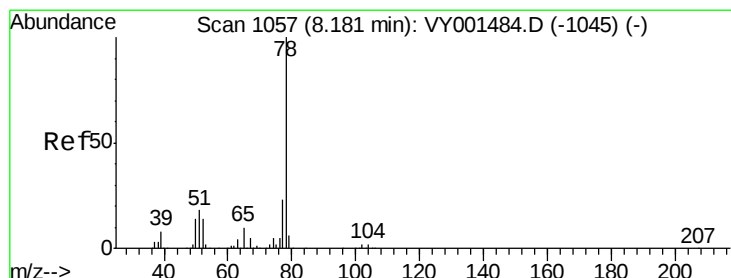
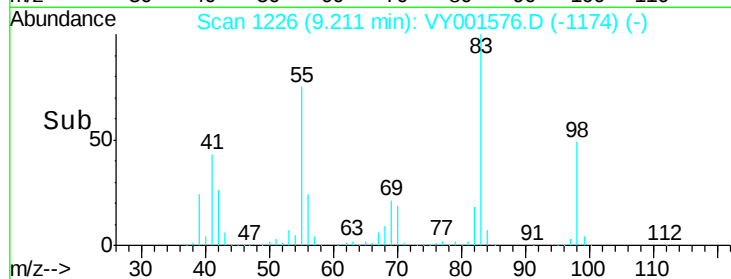
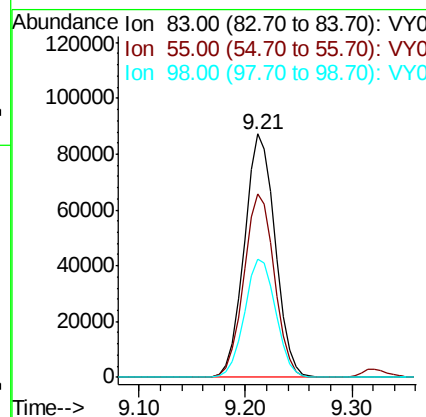
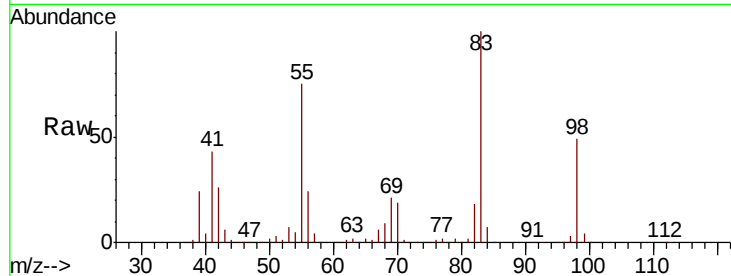
#39
Methvlcvclohexane
Concen: 46.072 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	59.8	89.6
98	48.5	38.6	57.8

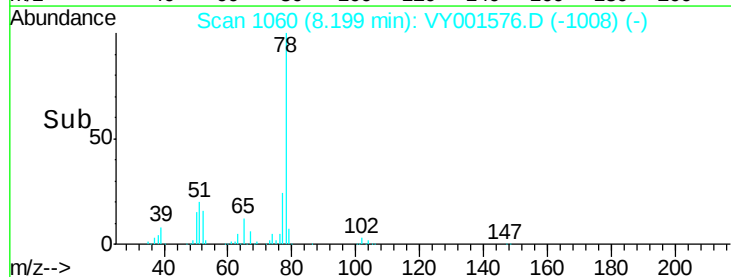
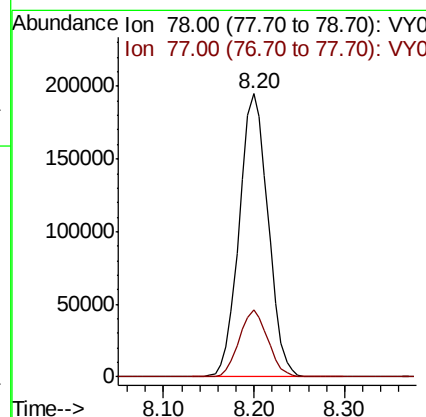
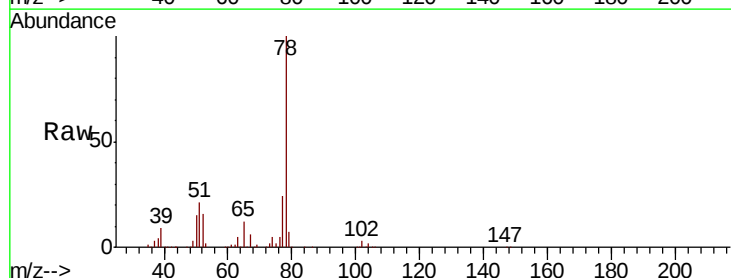
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#40
Benzene
Concen: 51.429 ug/l
RT: 8.20 min Scan# 1060
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.5	27.7





#41

Methacrylonitrile

Concen: 65.759 ug/l m

RT: 7.36 min Scan# 922

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 43235

Ion Ratio Lower Upper

41 100

39 0.0 116.8 175.2#

67 0.0 0.0 0.0

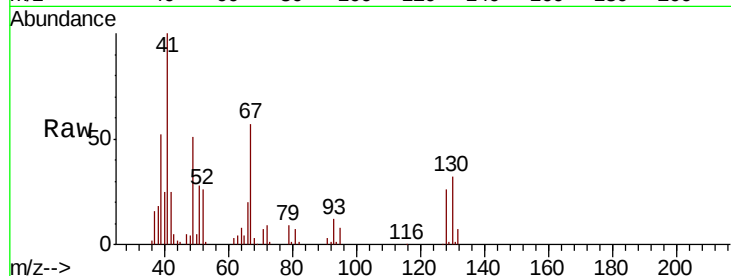
52 0.0 0.0 0.0

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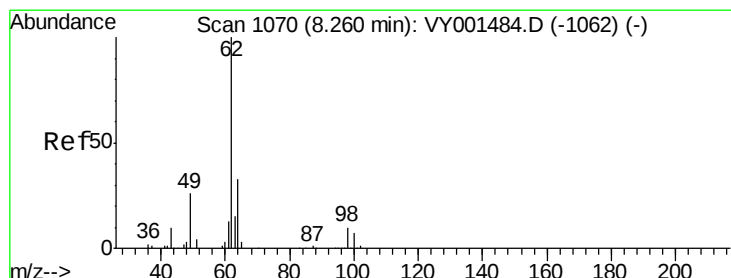
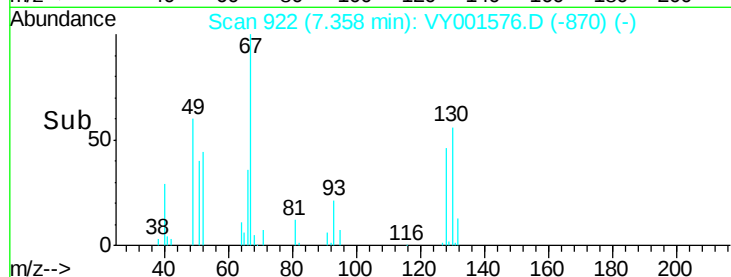
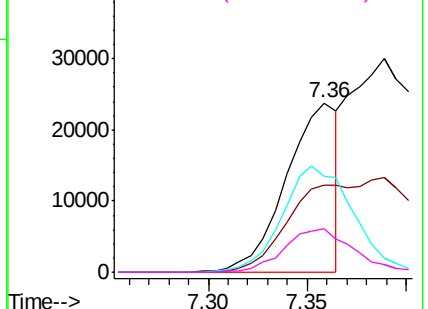


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 51.941 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.02 min

Lab File: VY001576.D

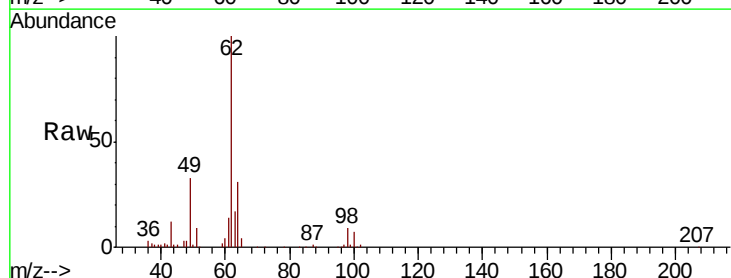
Acq: 07 Feb 2020 23:25

Tgt Ion: 62 Resp: 120952

Ion Ratio Lower Upper

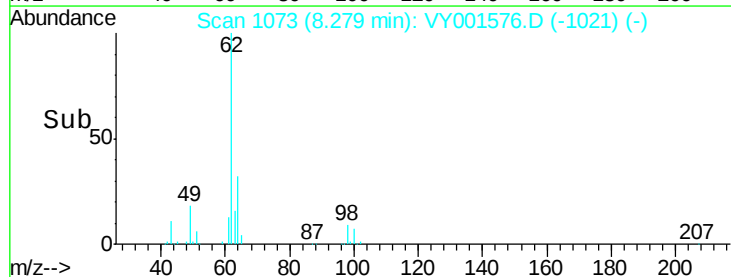
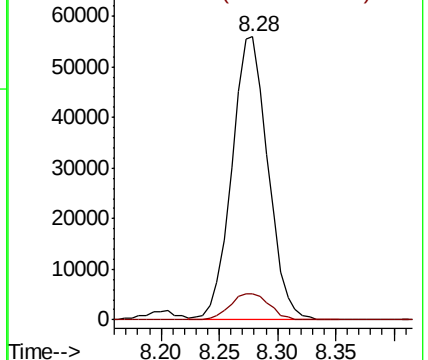
62 100

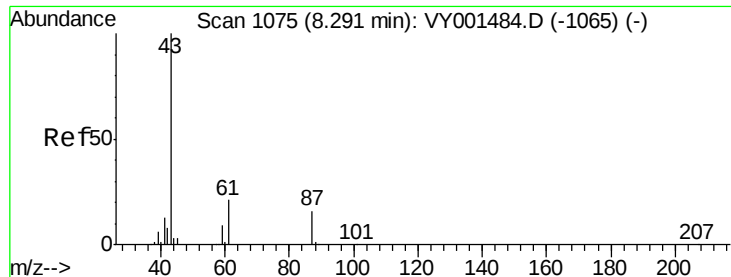
98 9.9 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





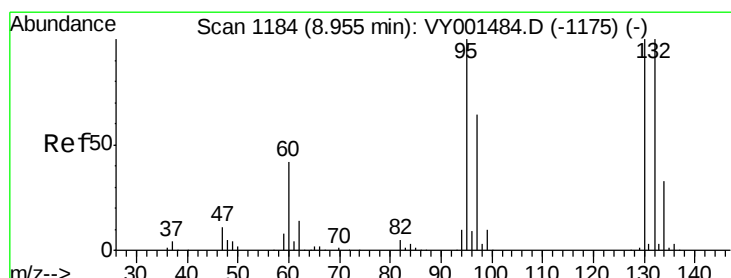
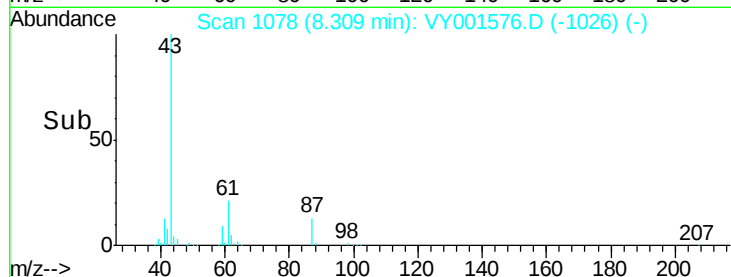
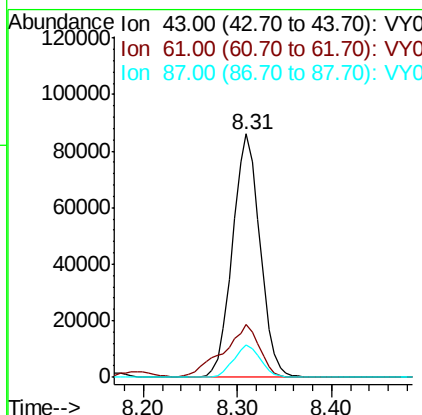
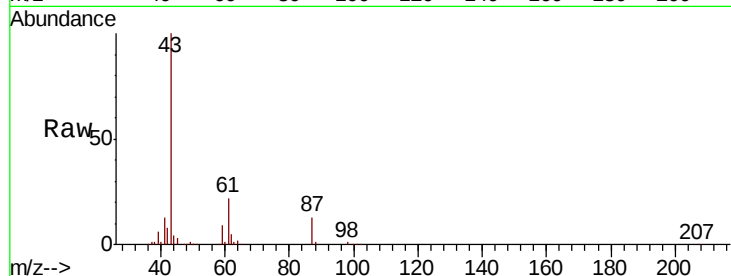
#43
Isopropyl Acetate
Concen: 62.097 ug/l
RT: 8.31 min Scan# 1078
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	174416
Ion Ratio	100	Lower	Upper
43	100		
61	28.5	25.1	37.7
87	13.1	12.6	19.0

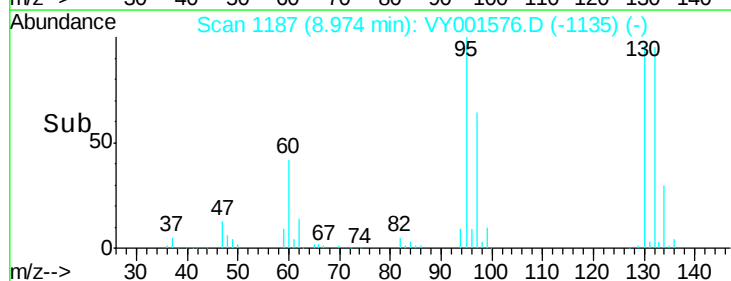
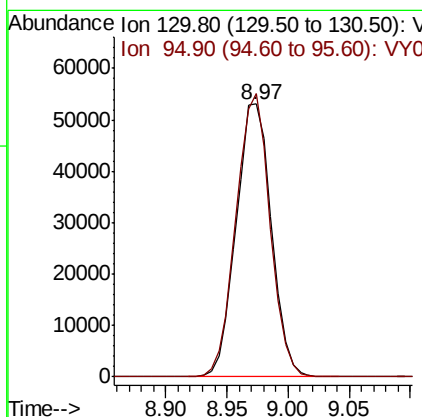
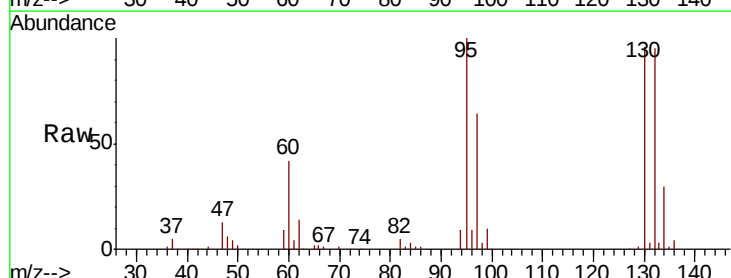
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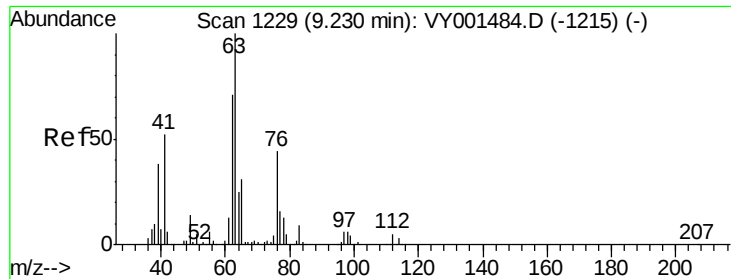
MMDadoda
2/10/2020 11:26:59 AM



#44
Trichloroethene
Concen: 47.205 ug/l
RT: 8.97 min Scan# 1187
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	130	Resp	106354
Ion Ratio	100	Lower	Upper
130	100		
95	103.8	0.0	199.2





#45

1,2-Dichloropropane

Concen: 54.231 ug/l

RT: 9.25 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 109458

Ion Ratio Lower Upper

63 100

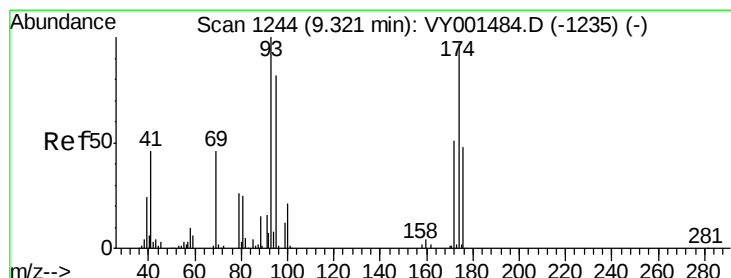
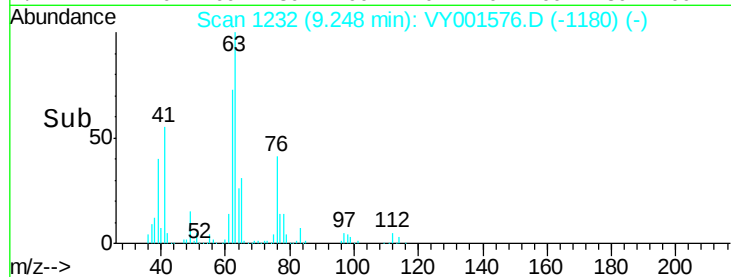
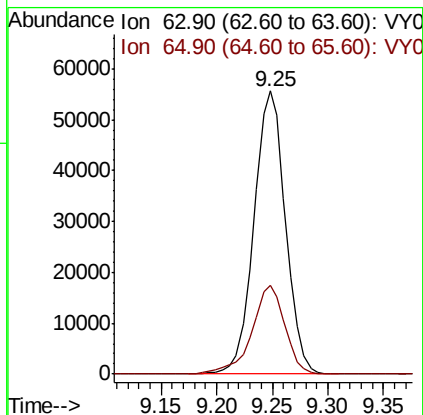
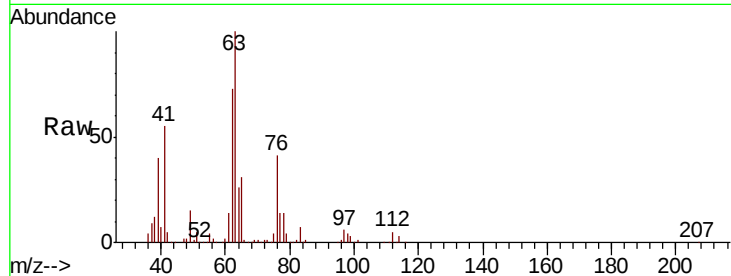
65 31.4 25.0 37.4

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2/10/2020 11:26:59 AM



#46

Dibromomethane

Concen: 51.871 ug/l

RT: 9.34 min Scan# 1247

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

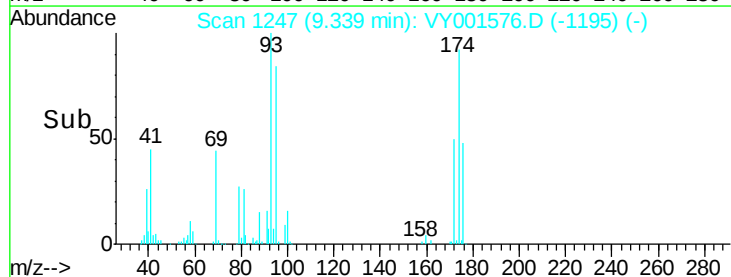
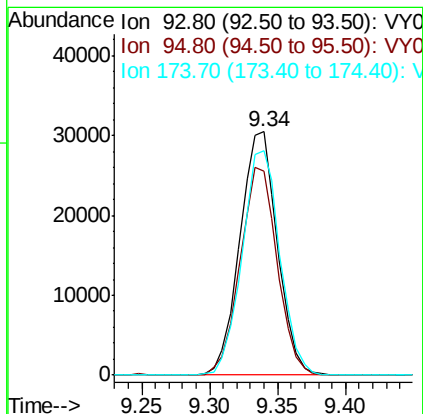
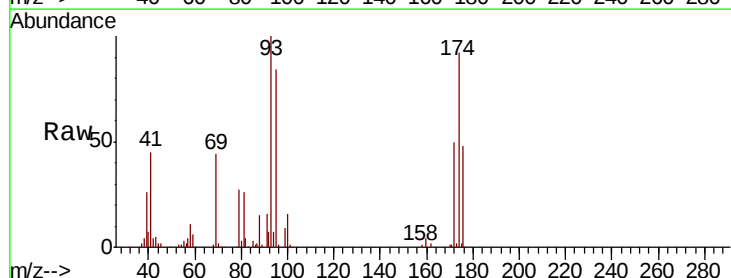
Tgt Ion: 93 Resp: 58789

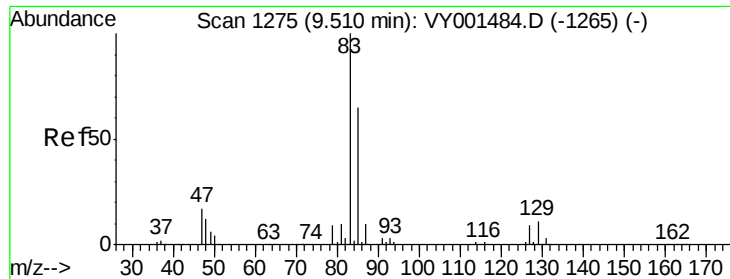
Ion Ratio Lower Upper

93 100

95 84.5 66.6 99.8

174 93.0 75.4 113.2





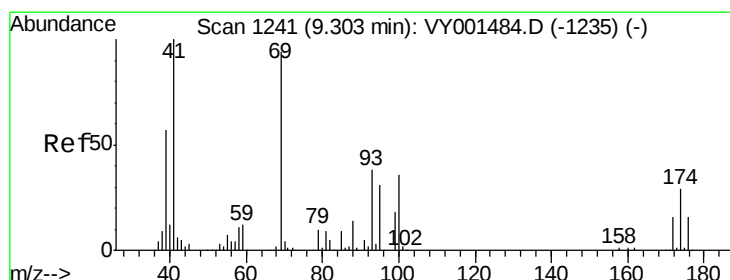
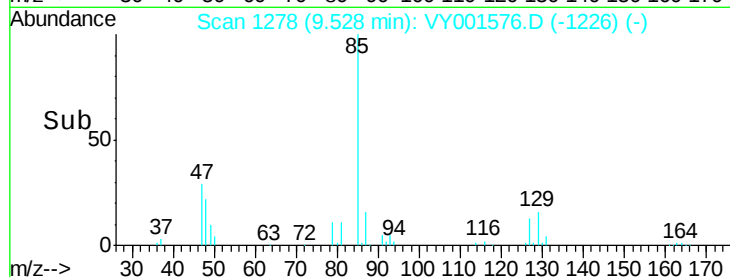
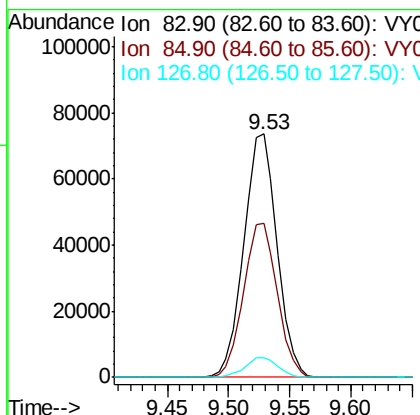
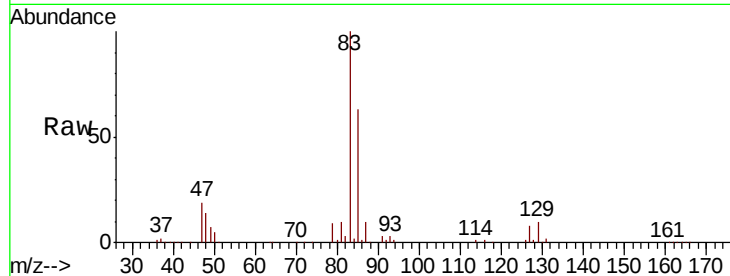
#47
Bromodichloromethane
Concen: 50.379 ug/l
RT: 9.53 min Scan# 1278
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	139120		
85	63.4	51.9	77.9	
127	8.0	6.9	10.3	

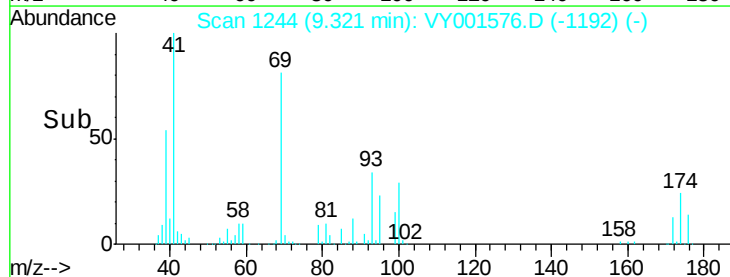
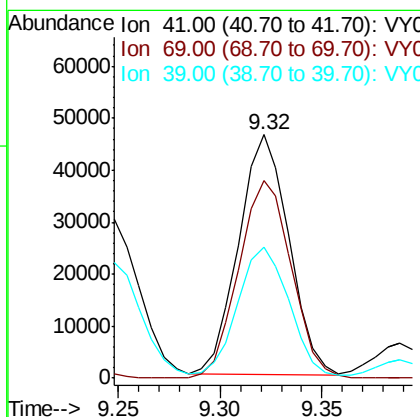
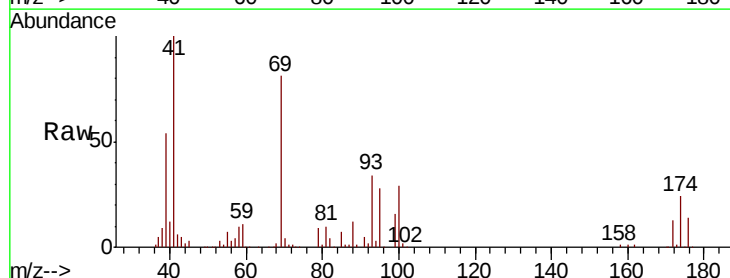
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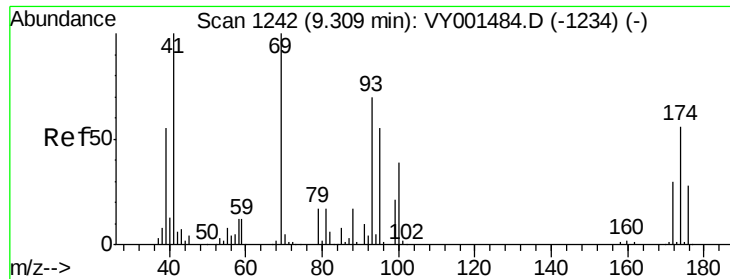
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#48
Methyl methacrylate
Concen: 61.931 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	78950		
69	86.5	76.6	114.8	
39	54.2	45.4	68.0	





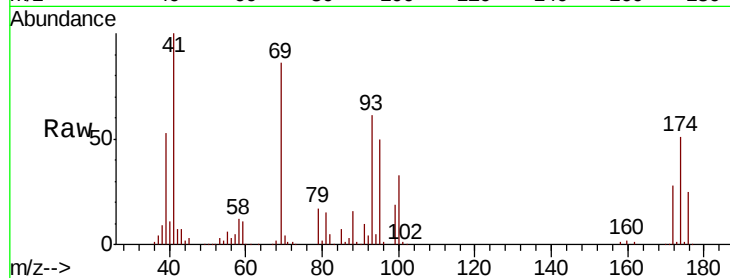
#49
1,4-Dioxane
Concen: 1084.866 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	24.8	37.2
58	78.9	59.3	88.9

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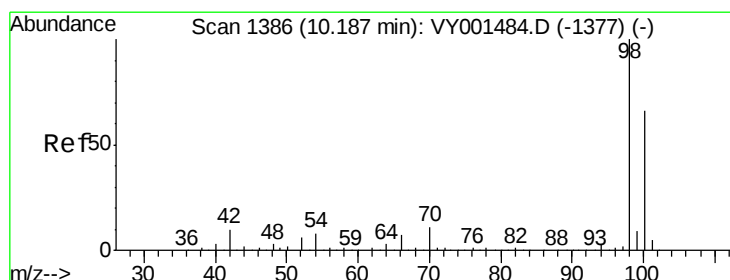
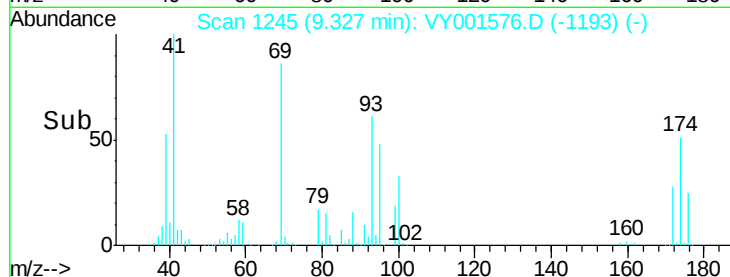
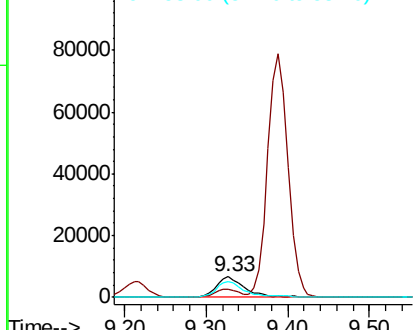


Abundance

Ion 88.00 (87.70 to 88.70): VY001576.D (-1193) (-)

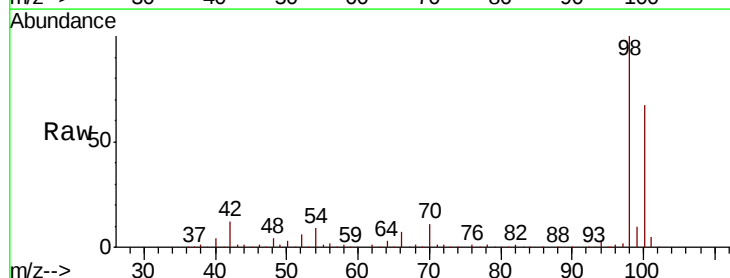
Ion 43.00 (42.70 to 43.70): VY001576.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY001576.D (-1193) (-)



#50
Toluene-d8
Concen: 55.784 ug/l
RT: 10.21 min Scan# 1389
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

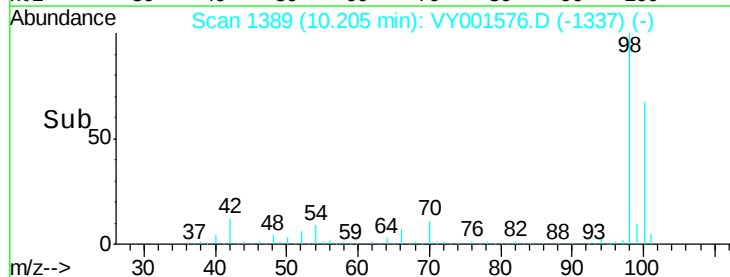
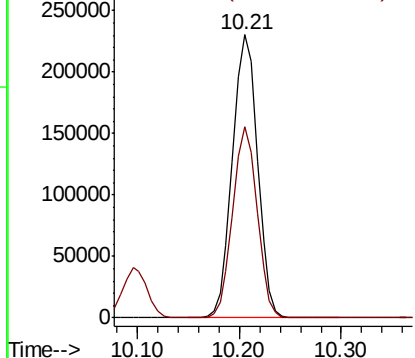
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.6

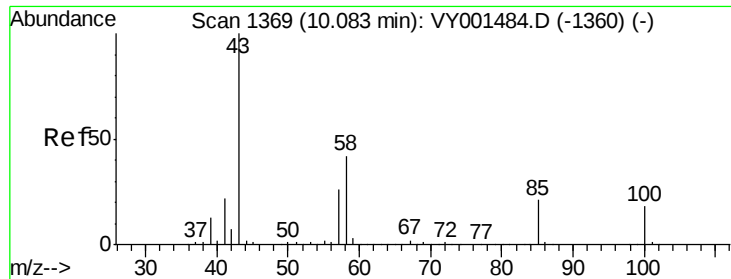


Abundance

Ion 98.00 (97.70 to 98.70): VY001576.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY001576.D (-1337) (-)





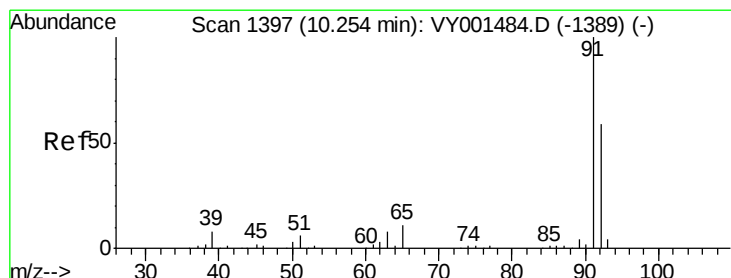
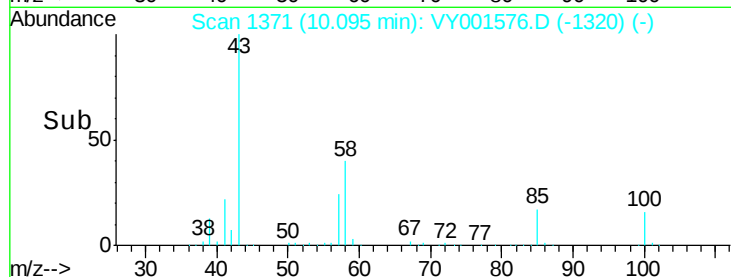
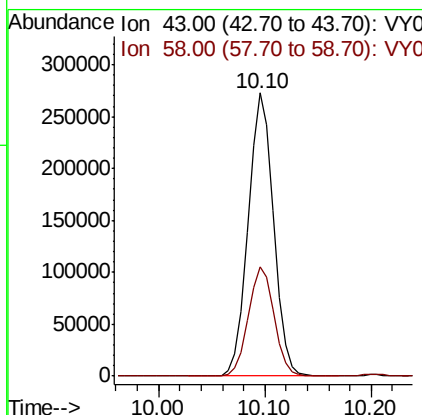
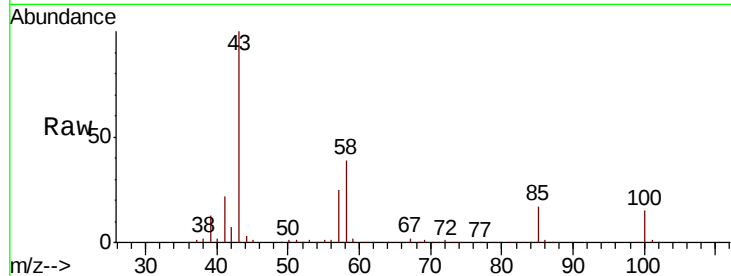
#51
4-Methyl-2-Pentanone
Concen: 329.681 ug/l
RT: 10.10 min Scan# 1371
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 456024
Ion Ratio Lower Upper
43 100
58 39.2 33.9 50.9

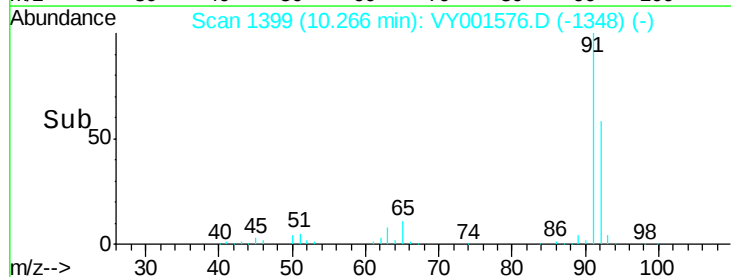
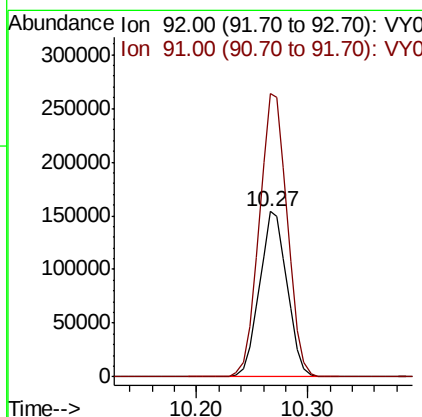
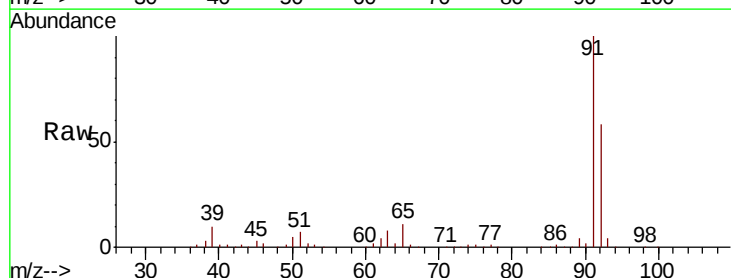
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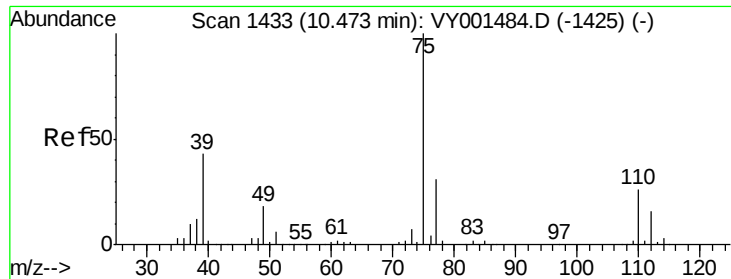
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#52
Toluene
Concen: 50.352 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 92 Resp: 267044
Ion Ratio Lower Upper
92 100
91 172.9 136.6 204.8





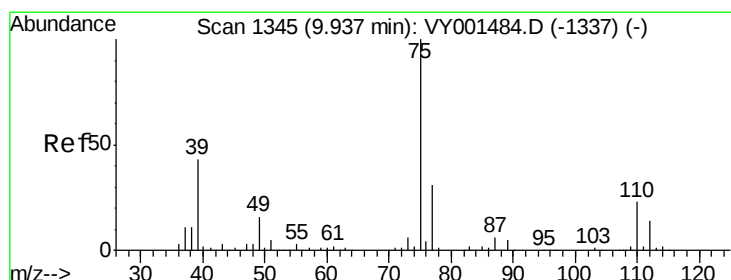
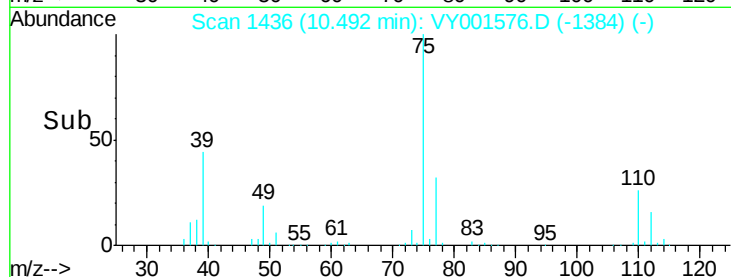
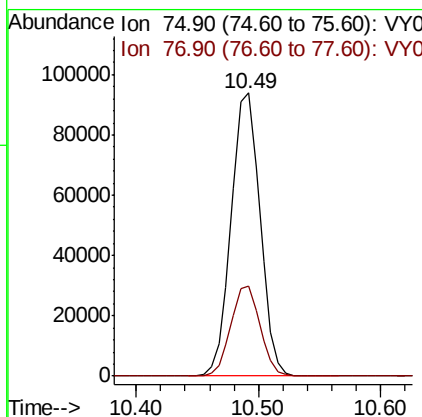
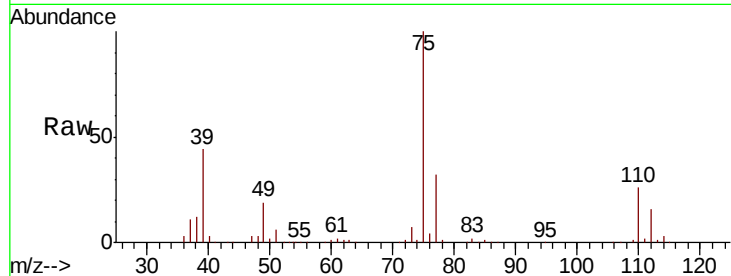
#53
t-1,3-Dichloropropene
Concen: 51.035 ug/l
RT: 10.49 min Scan# 1436
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 153499
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3

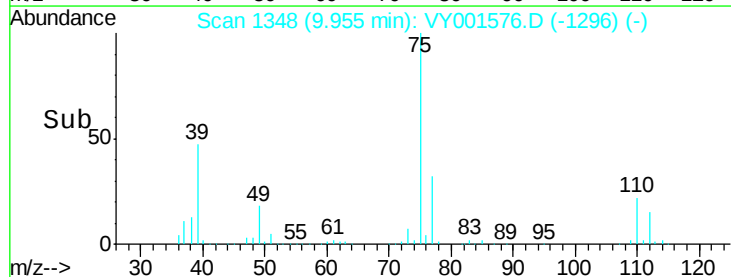
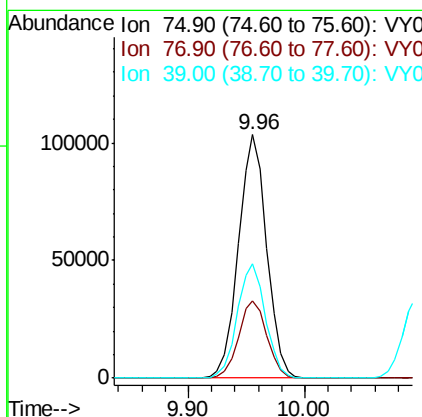
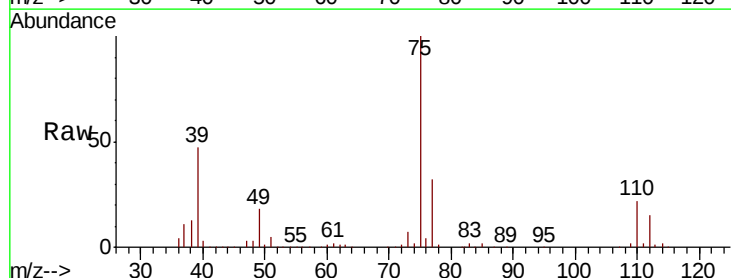
Manual Integrations
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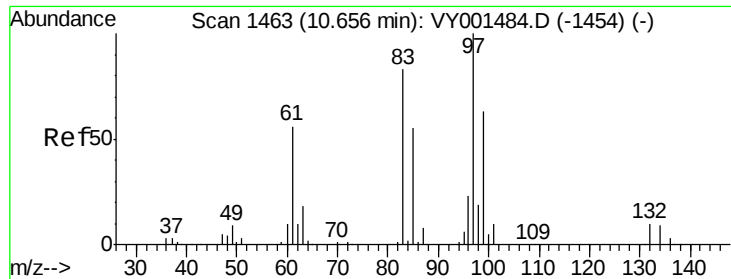
MMDadoda
2/10/2020 11:26:59 AM



#54
cis-1,3-Dichloropropene
Concen: 50.444 ug/l
RT: 9.96 min Scan# 1348
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 75 Resp: 174185
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1
39 47.1 34.0 51.0





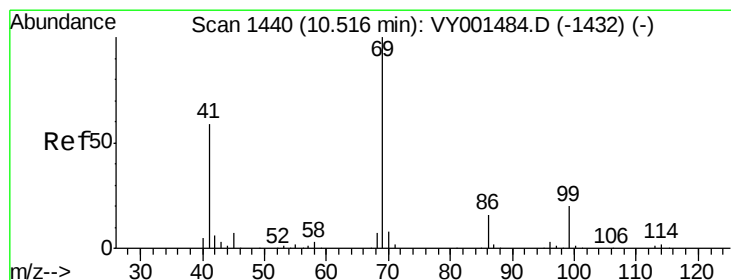
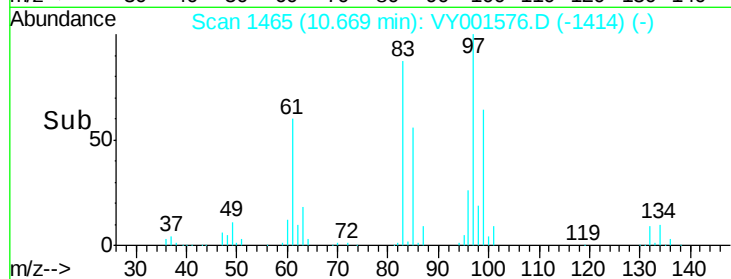
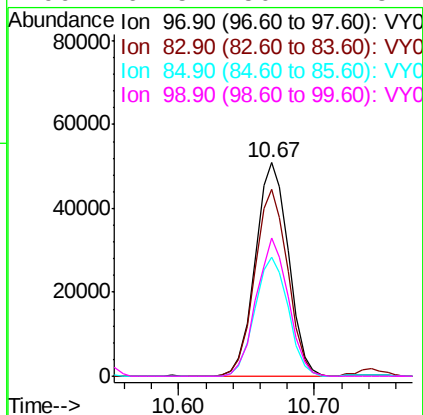
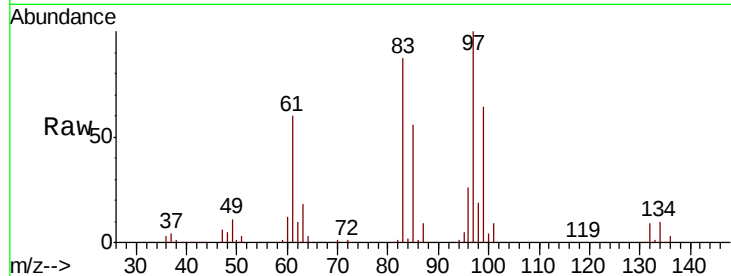
#55
1,1,2-Trichloroethane
Concen: 53.536 ug/l
RT: 10.67 min Scan# 1465
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		87054		
83	87.4	66.2	99.2		
85	55.8	43.8	65.6		
99	64.5	50.1	75.1		

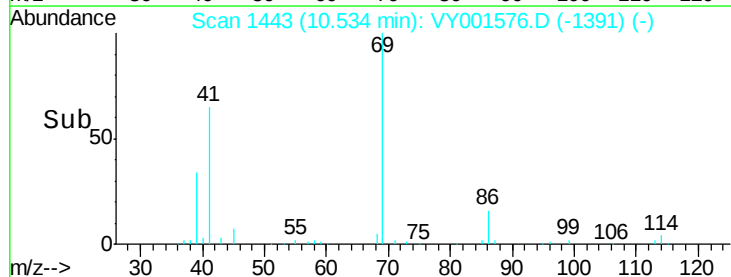
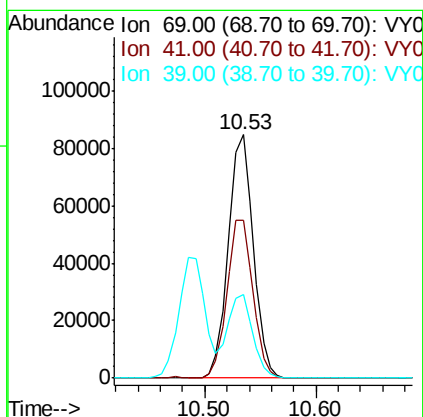
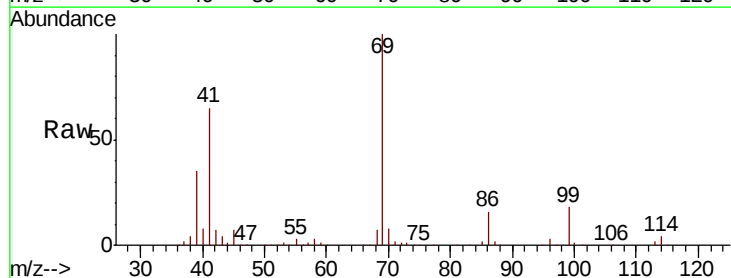
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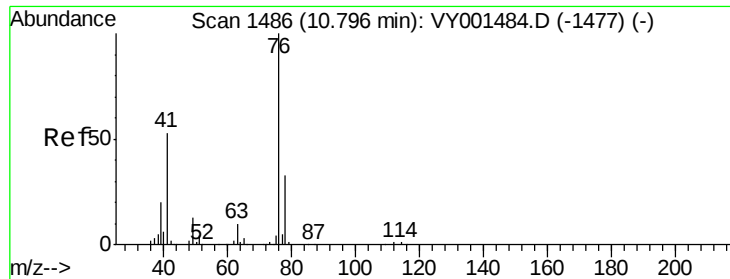
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2/10/2020 11:26:59 AM



#56
Ethyl methacrylate
Concen: 57.019 ug/l
RT: 10.53 min Scan# 1443
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		131875		
41	66.8	47.8	71.8		
39	34.6	24.4	36.6		





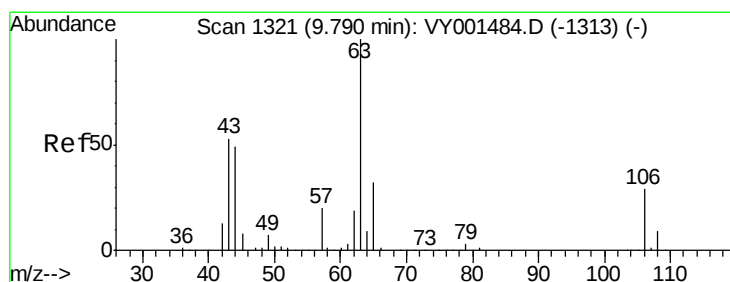
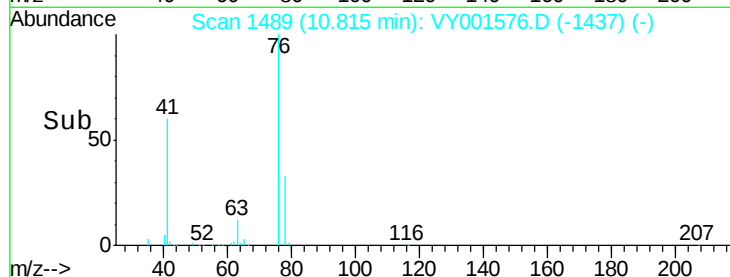
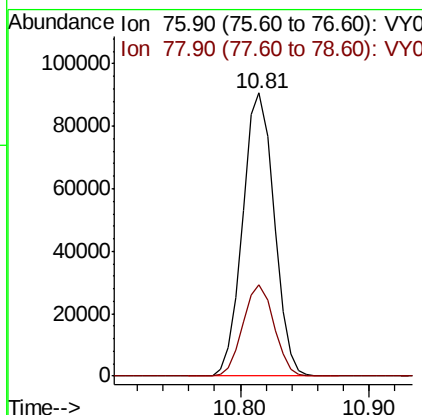
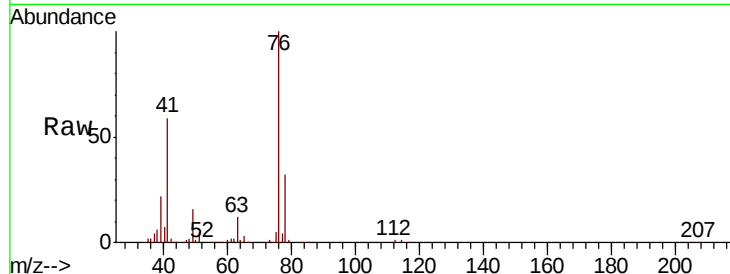
#57
 1,3-Dichloropropane
 Concen: 53.365 ug/l
 RT: 10.81 min Scan# 1489
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 152967
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

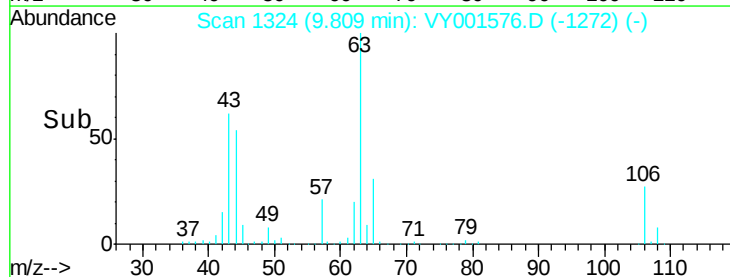
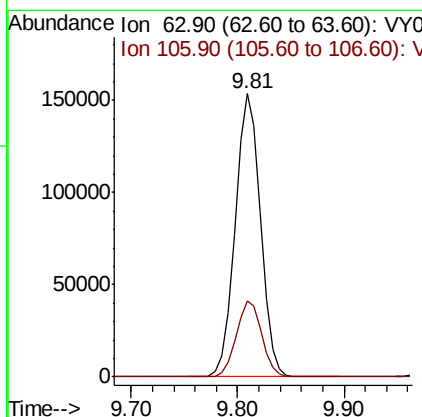
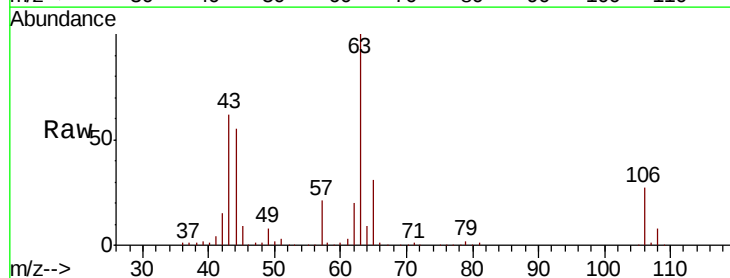
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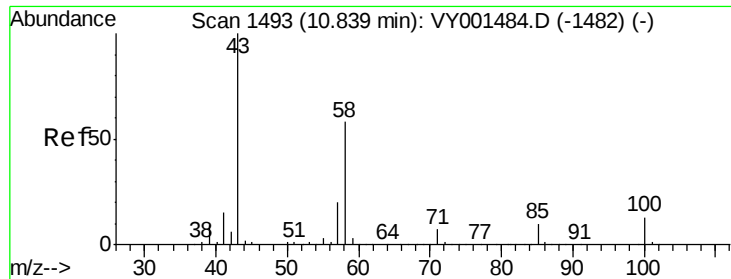
MMDadoda
 2/10/2020 11:26:59 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.483 ug/l
 RT: 9.81 min Scan# 1324
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion: 63 Resp: 255662
 Ion Ratio Lower Upper
 63 100
 106 27.0 24.0 36.0





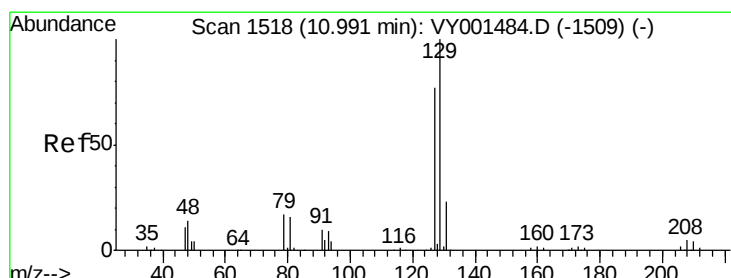
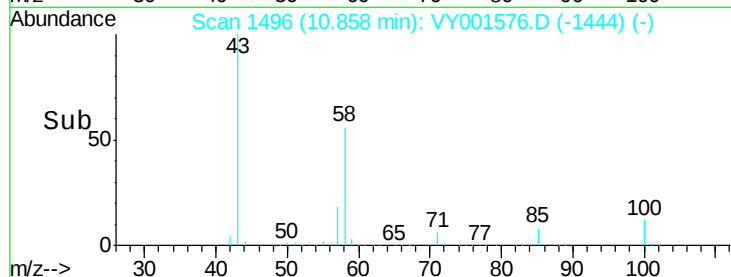
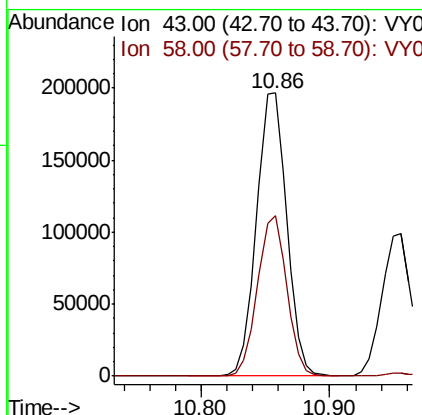
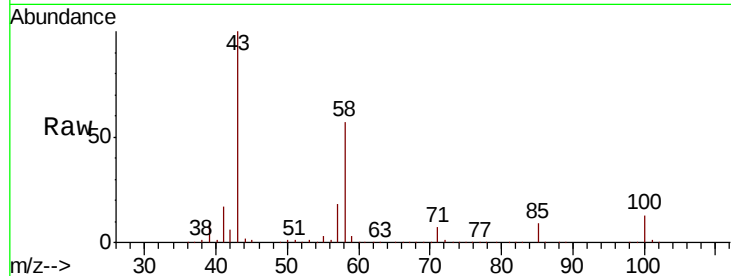
#59
2-Hexanone
Concen: 316.666 ug/l
RT: 10.86 min Scan# 1496
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 318480
Ion Ratio Lower Upper
43 100
58 55.1 29.0 87.0

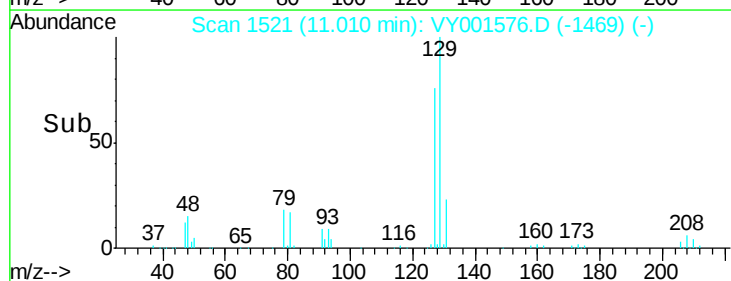
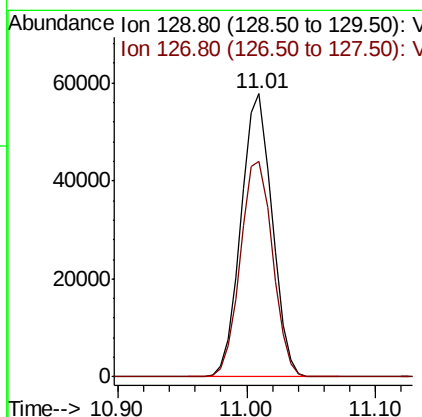
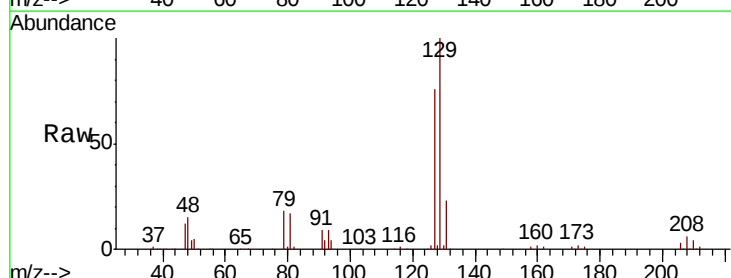
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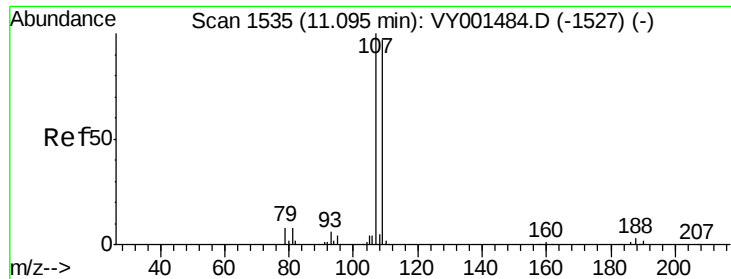
MMDadoda
2/10/2020 11:26:59 AM



#60
Dibromochloromethane
Concen: 50.353 ug/l
RT: 11.01 min Scan# 1521
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 129 Resp: 96514
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6





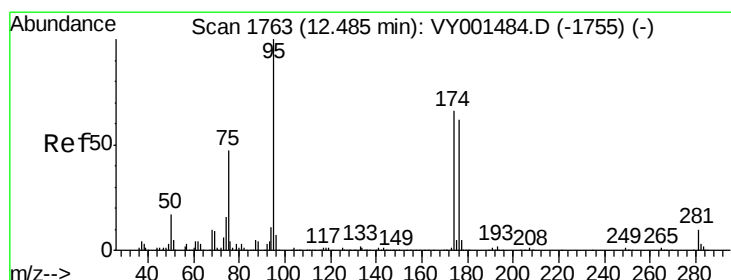
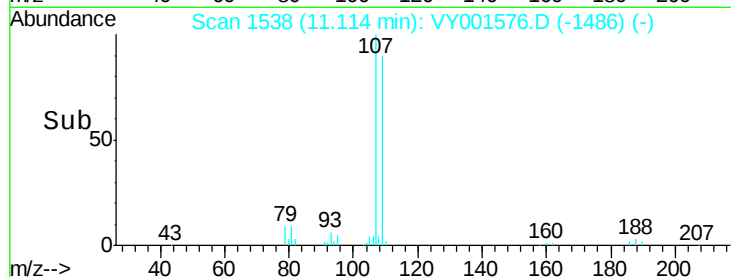
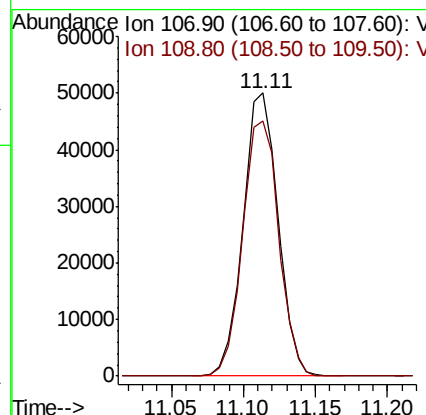
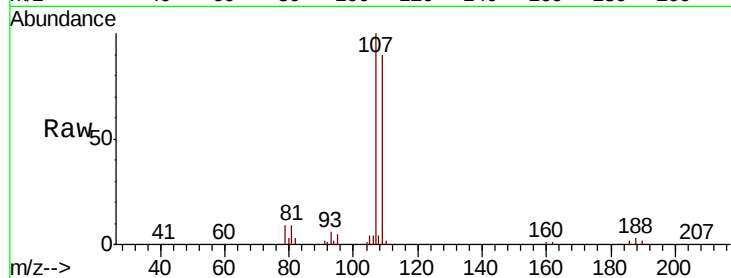
#61
 1,2-Dibromoethane
 Concen: 52.415 ug/l
 RT: 11.11 min Scan# 1538
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.2	114.2

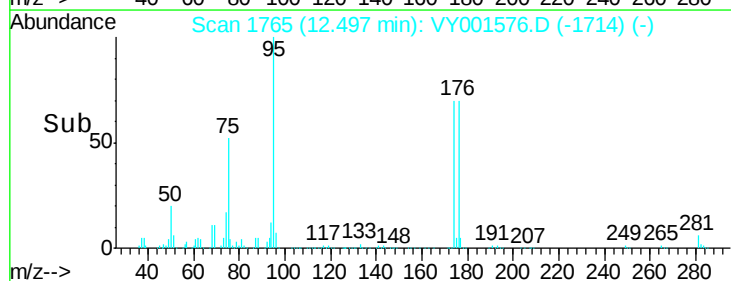
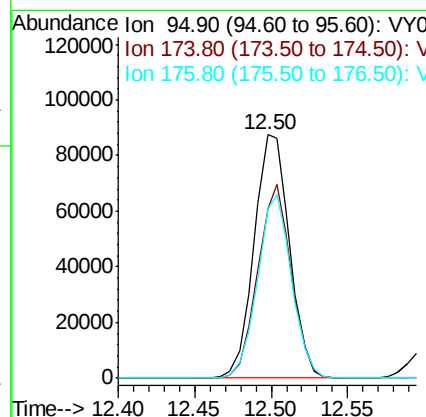
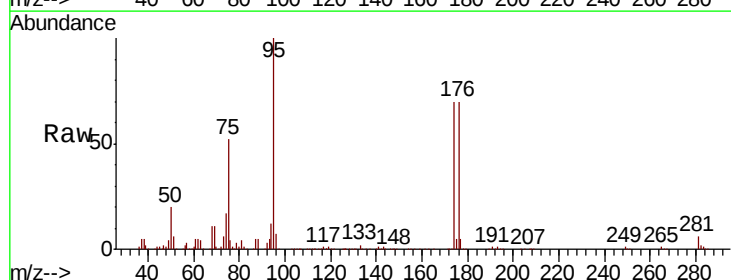
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#62
 4-Bromofluorobenzene
 Concen: 50.989 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	141.4
176	72.8	0.0	135.4





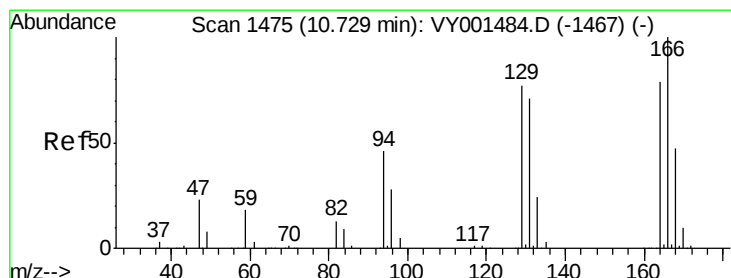
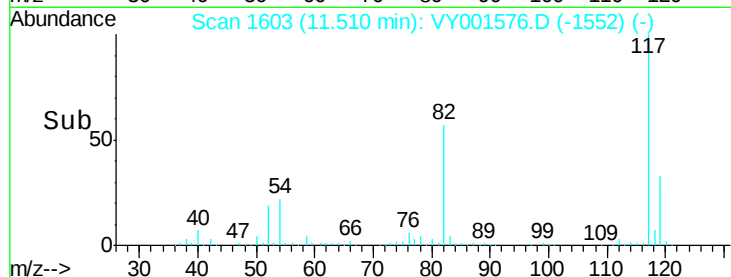
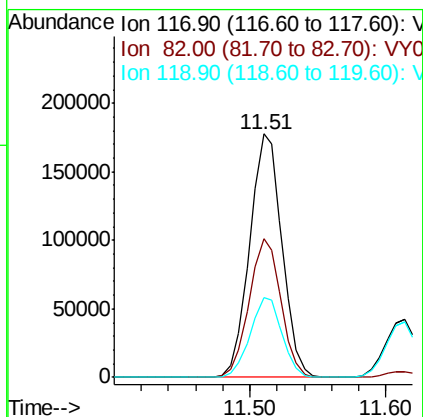
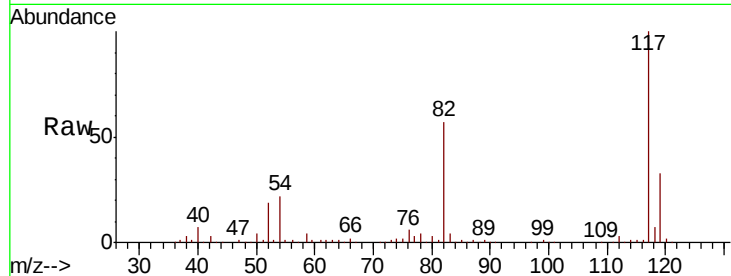
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.1	69.1
119	32.9	26.1	39.1

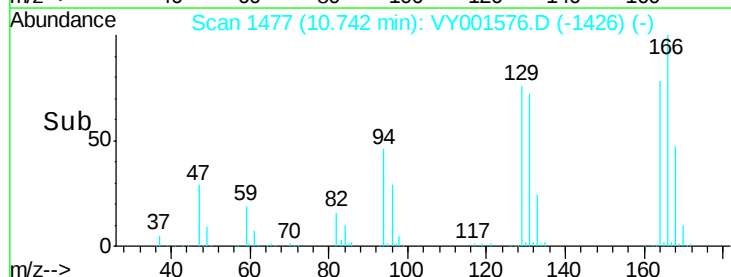
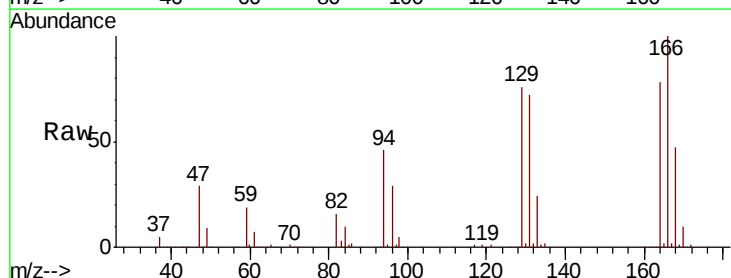
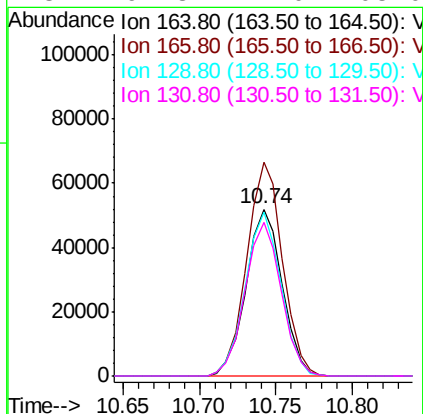
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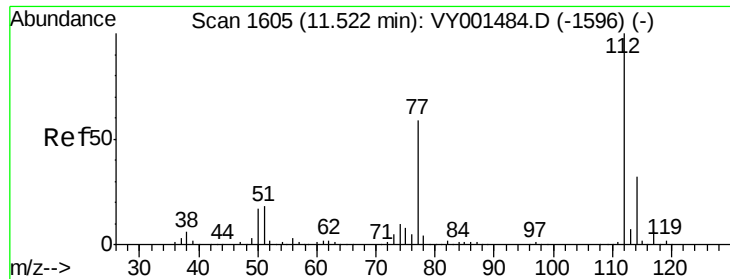
MMDadoda
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#64
Tetrachloroethene
Concen: 44.004 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	100.8	151.2
129	97.9	77.8	116.6
131	92.3	72.0	108.0





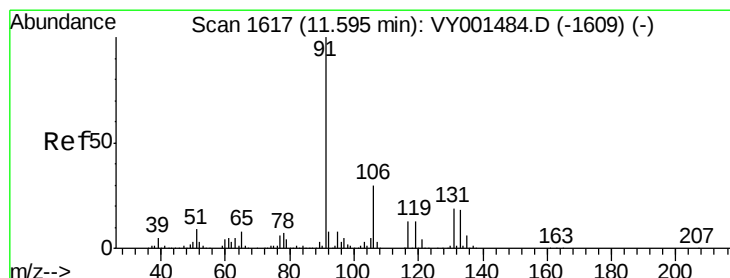
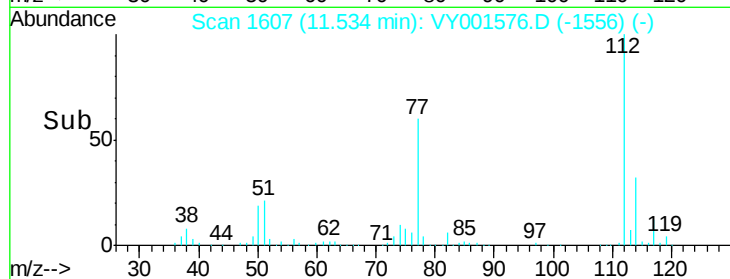
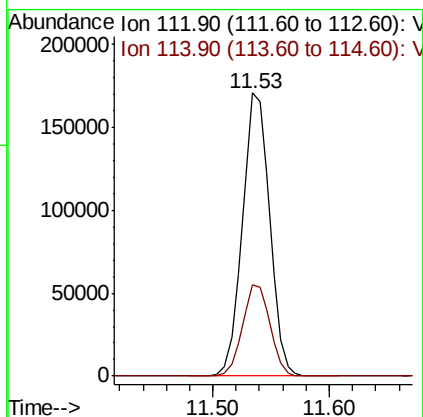
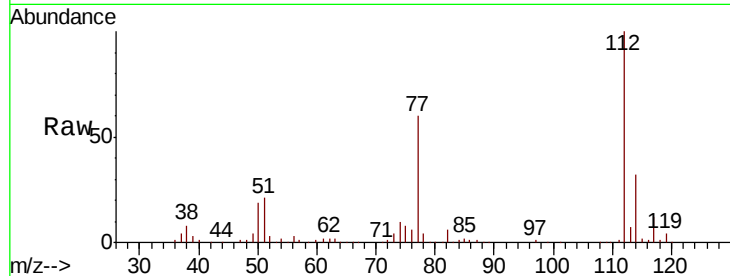
#65
Chlorobenzene
Concen: 48.263 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 279224
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

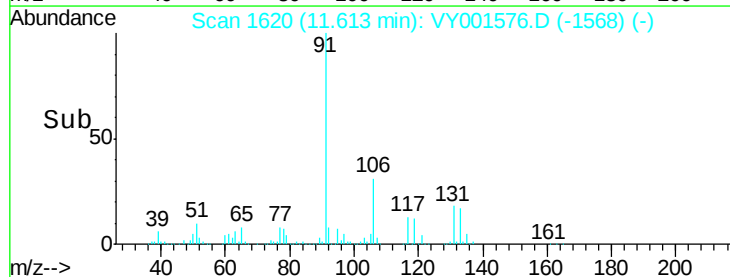
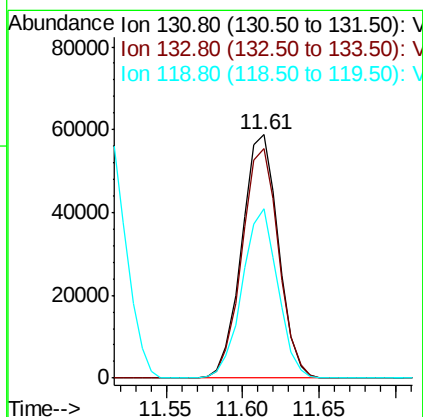
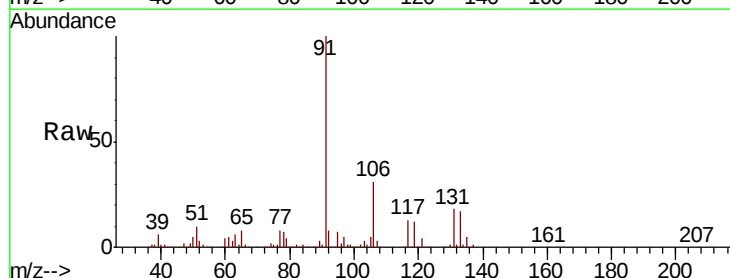
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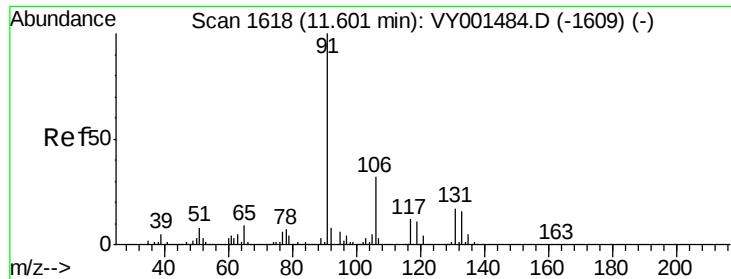
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.367 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion:131 Resp: 97936
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.8
119 67.1 33.7 101.0





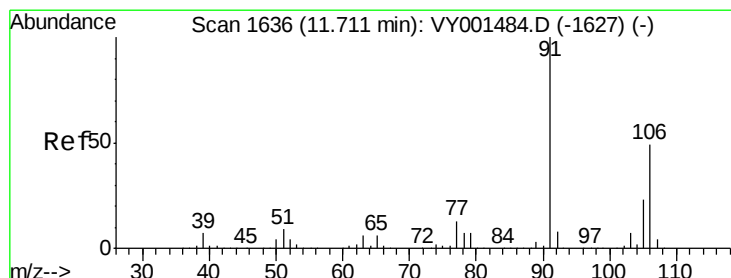
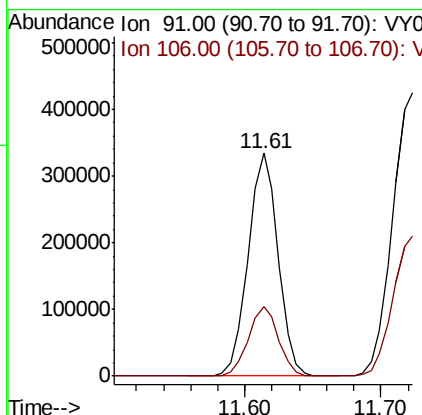
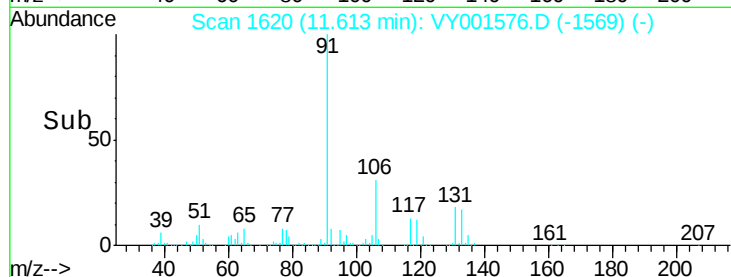
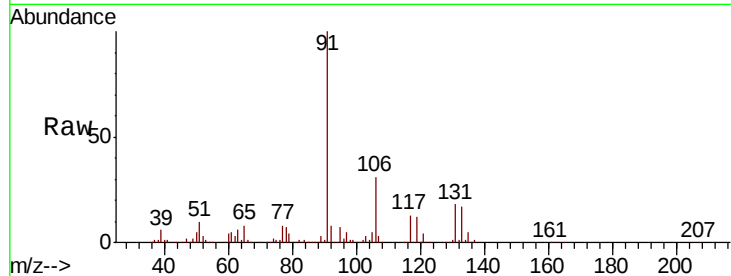
#67
Ethyl Benzene
Concen: 48.172 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 515300
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9

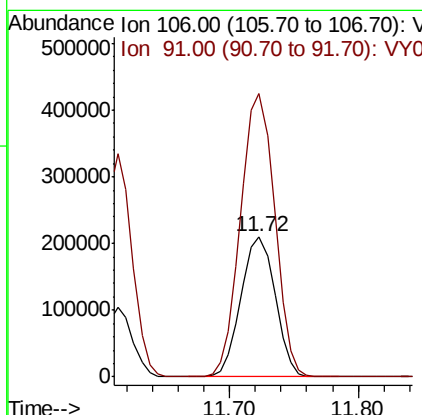
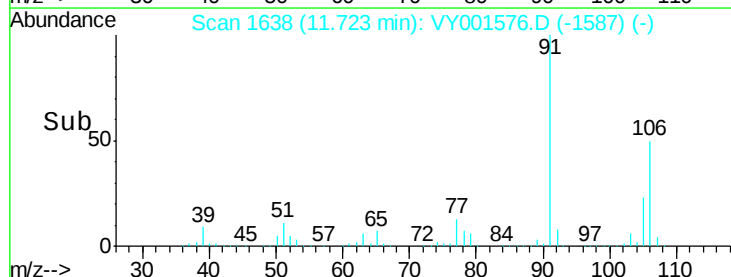
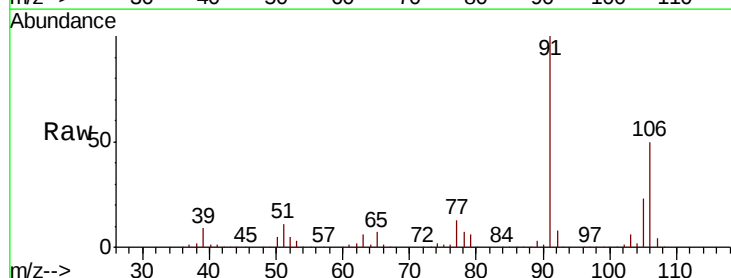
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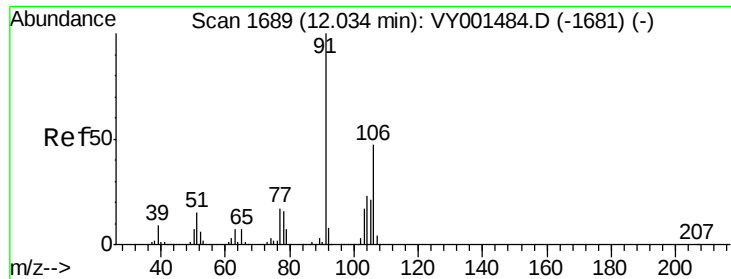
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#68
m/p-Xylenes
Concen: 96.478 ug/l
RT: 11.72 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 106 Resp: 387432
Ion Ratio Lower Upper
106 100
91 202.0 163.6 245.4





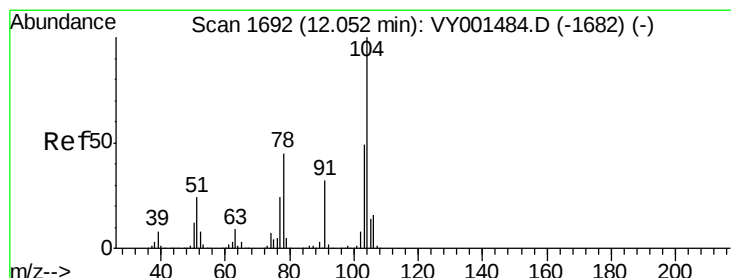
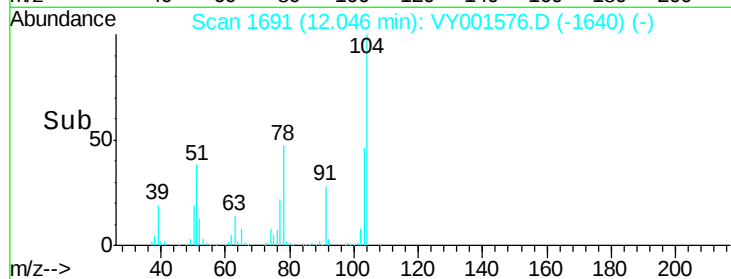
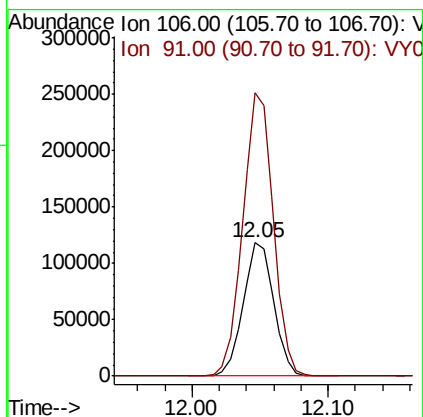
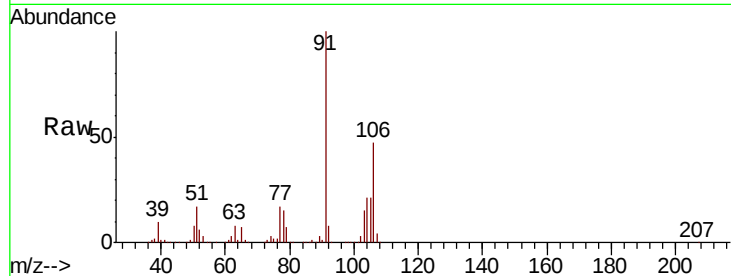
#69
o-Xylene
Concen: 49.089 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		185866		
91	211.5	106.0	318.0		

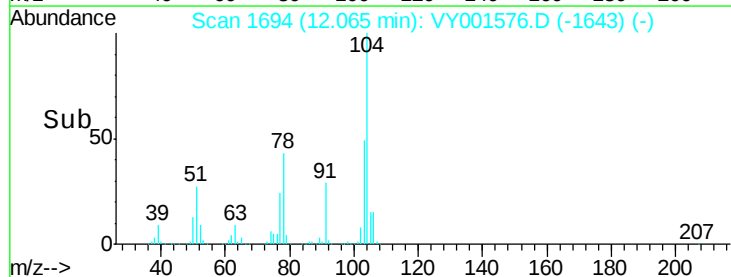
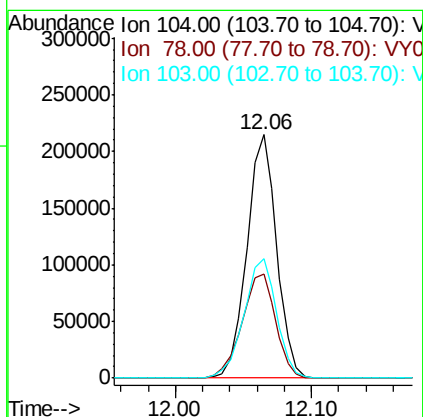
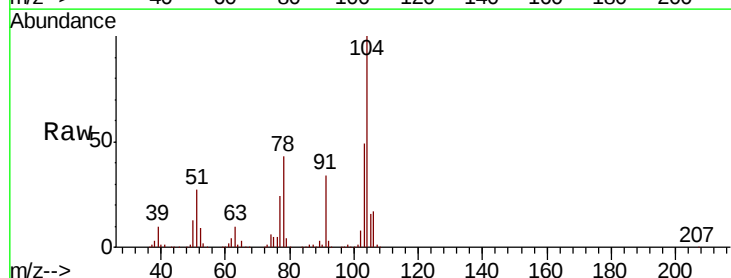
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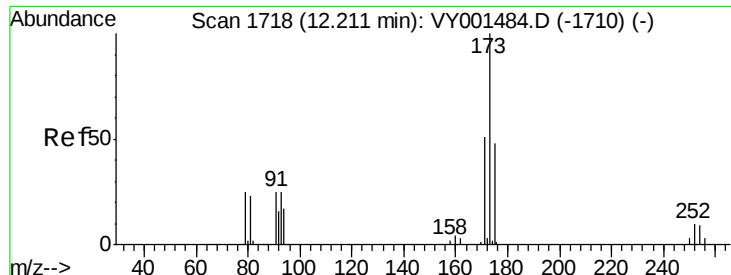
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#70
Styrene
Concen: 50.243 ug/l
RT: 12.06 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		328973		
78	48.3	40.4	60.6		
103	53.5	42.8	64.2		





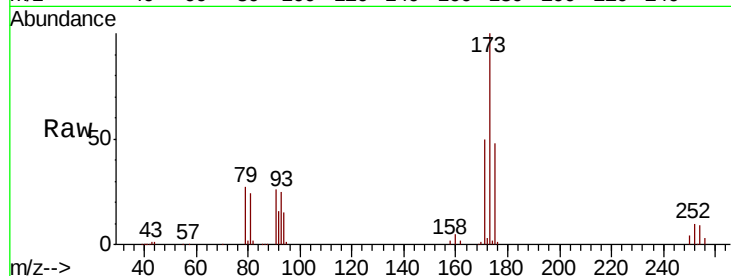
#71
Bromoform
Concen: 52.184 ug/l
RT: 12.23 min Scan# 1721
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

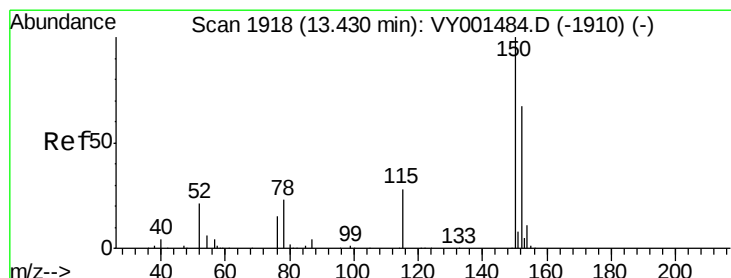
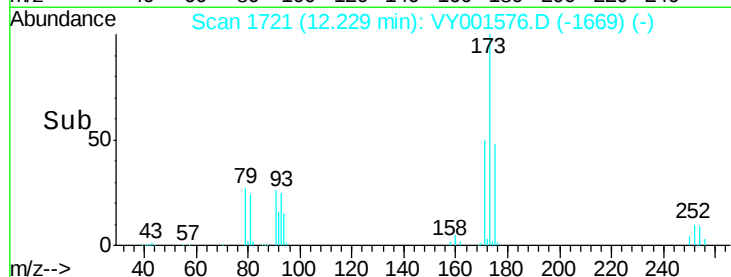
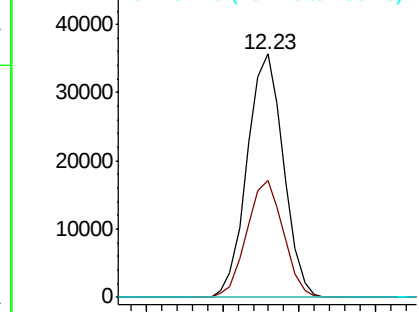
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.1	0.1

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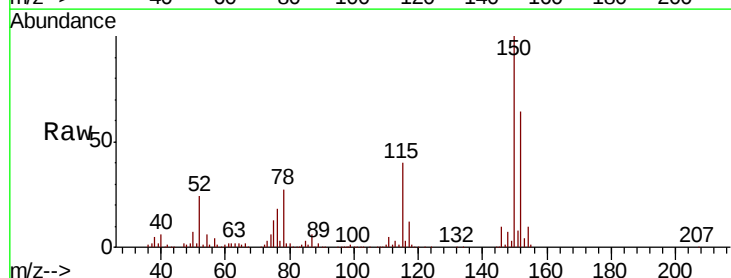


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

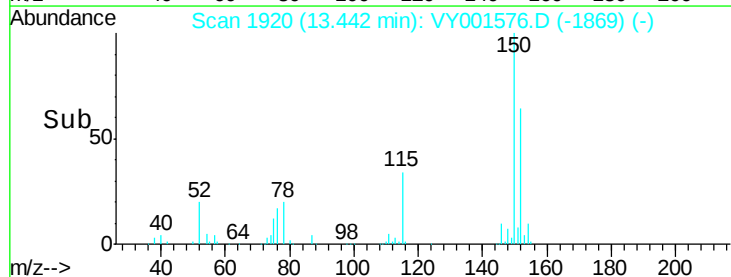
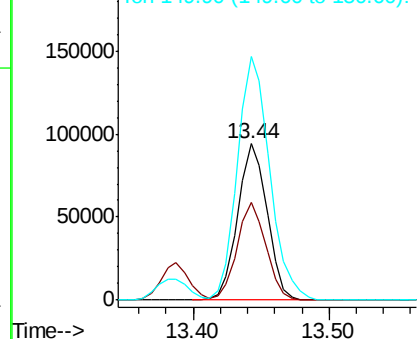


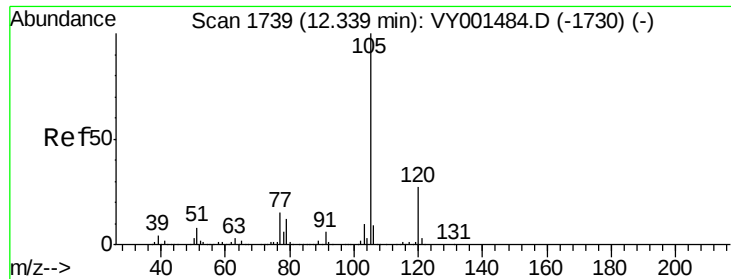
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.4	94.3
150	171.5	0.0	346.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





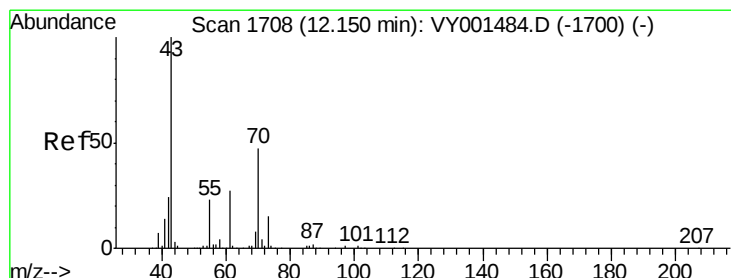
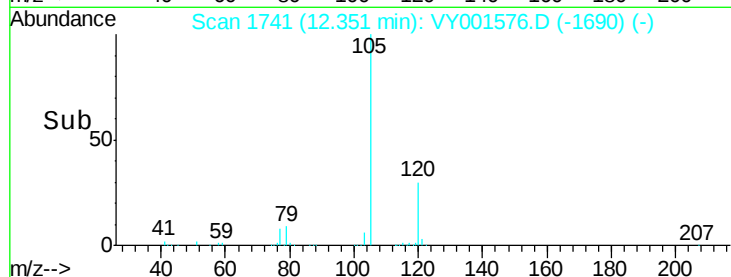
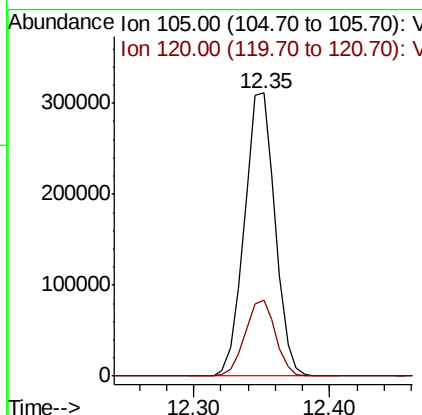
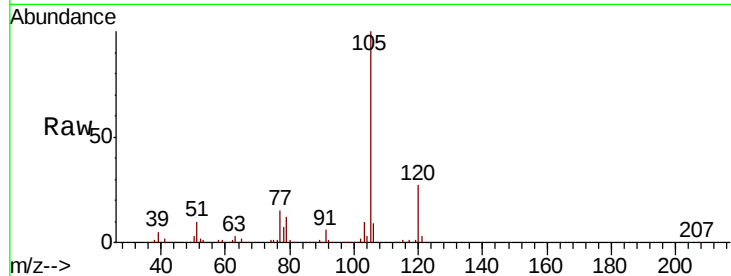
#73
Isopropylbenzene
Concen: 45.302 ug/l
RT: 12.35 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.9

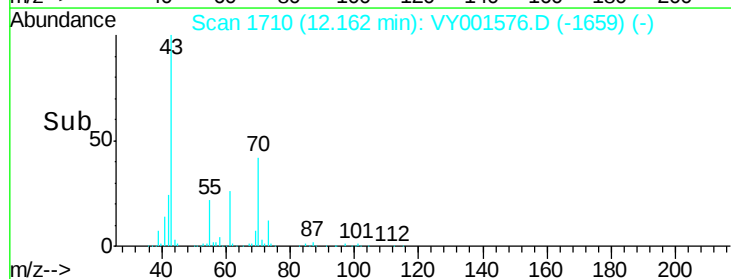
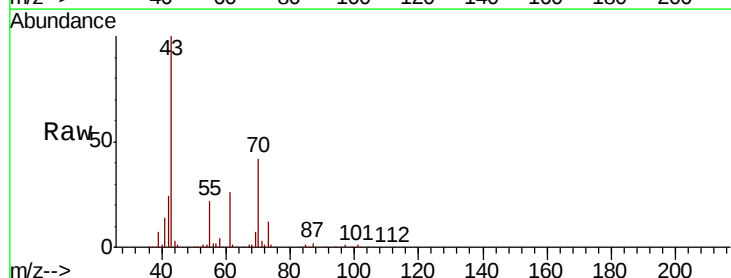
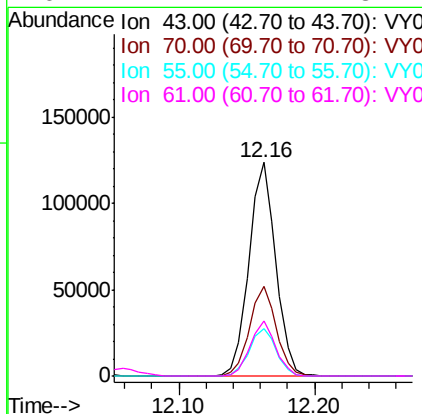
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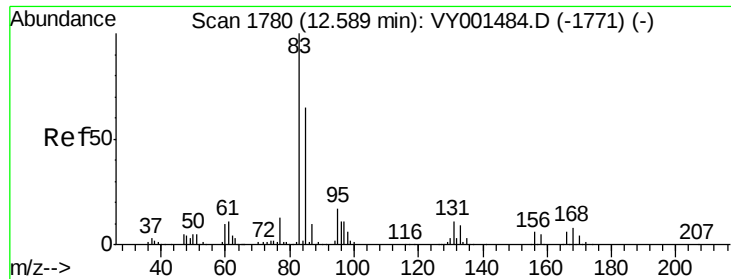
MMDadoda
2/10/2020 11:26:59 AM



#74
N-ethyl acetate
Concen: 60.748 ug/l
RT: 12.16 min Scan# 1710
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.0	37.2	55.8
55	22.5	18.8	28.2
61	24.7	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.869 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 110578

Ion Ratio Lower Upper

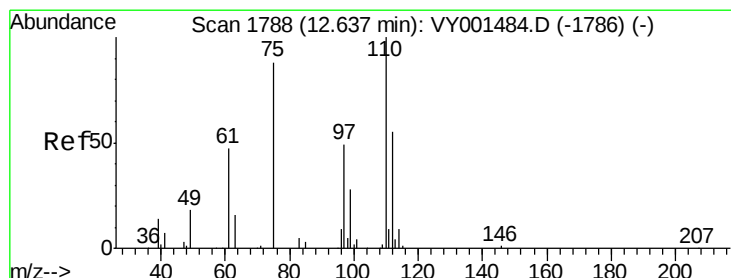
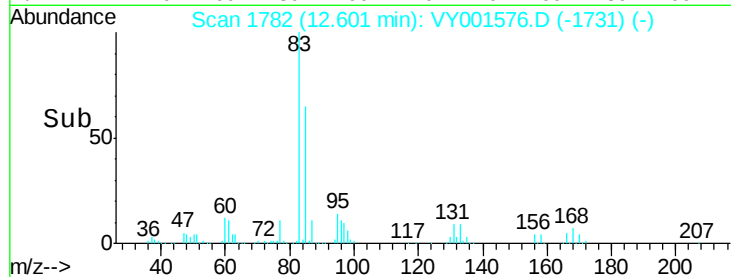
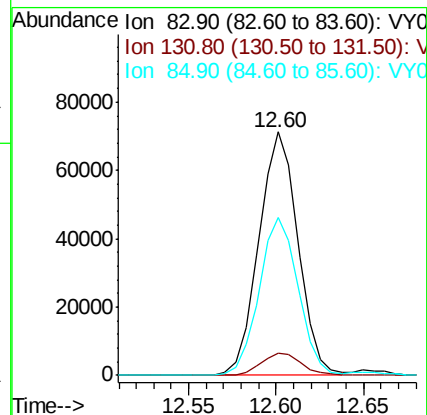
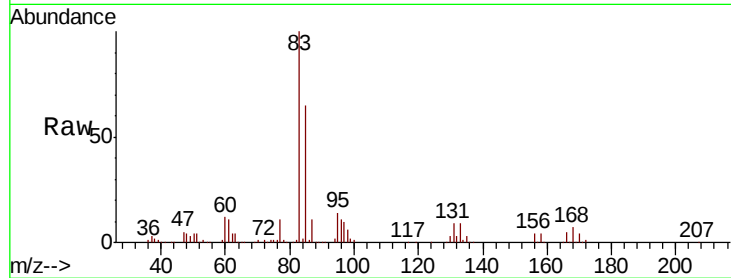
83 100

131 9.6 5.4 16.2

85 64.6 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 53.033 ug/l m

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001576.D

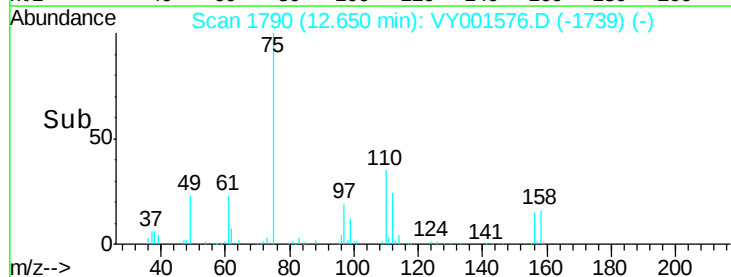
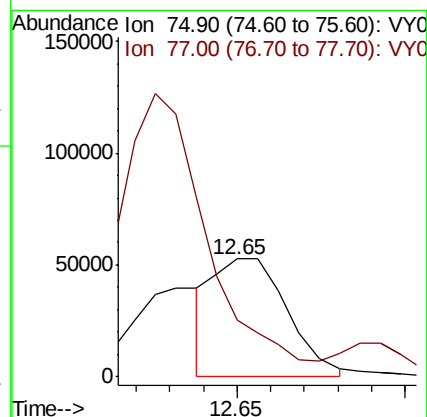
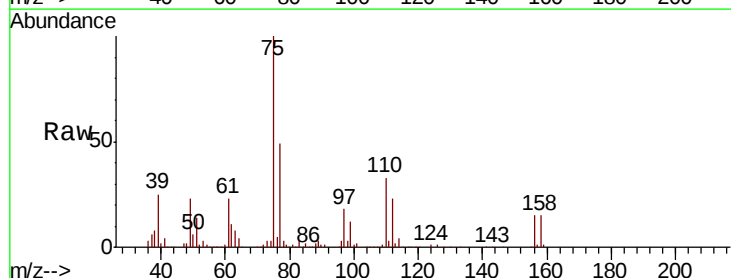
Acq: 07 Feb 2020 23:25

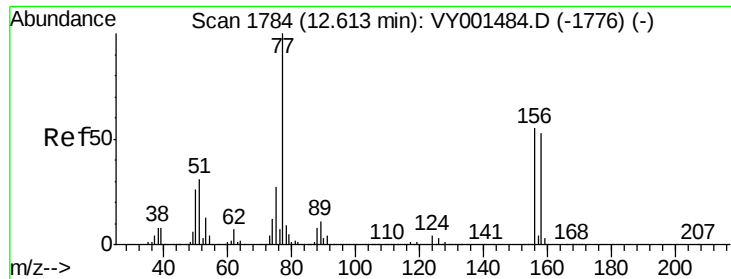
Tgt Ion: 75 Resp: 80791

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.362 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

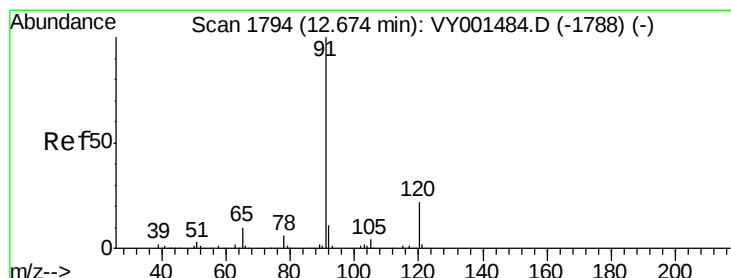
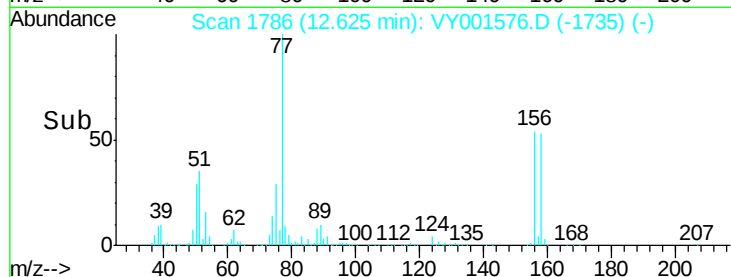
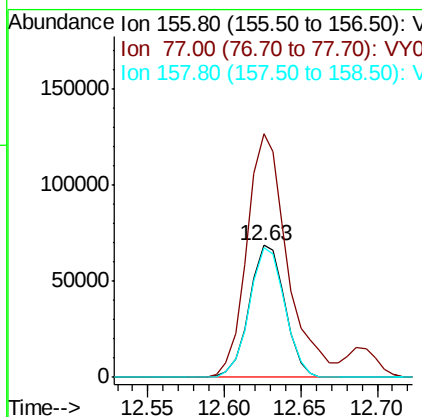
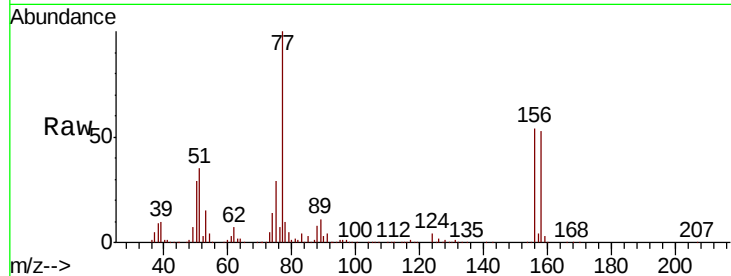
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	211.6	99.8	299.3		
158	97.9	47.5	142.6		

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#78

n-propylbenzene

Concen: 46.453 ug/l

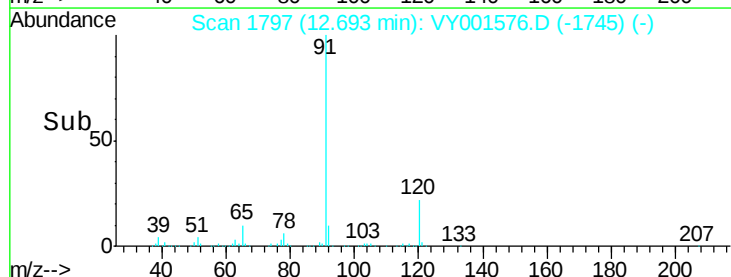
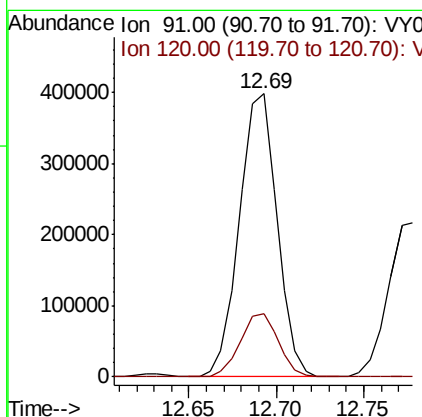
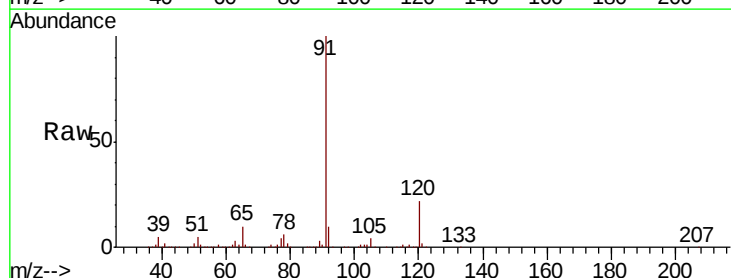
RT: 12.69 min Scan# 1797

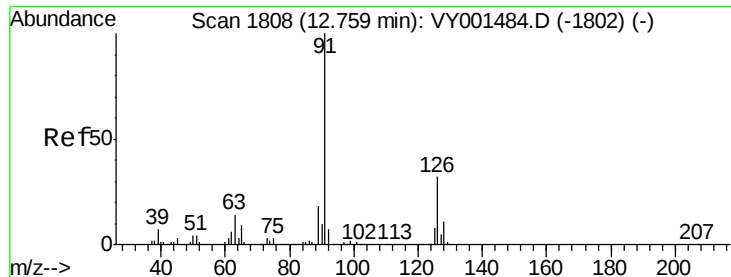
Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.7	11.4	34.2		





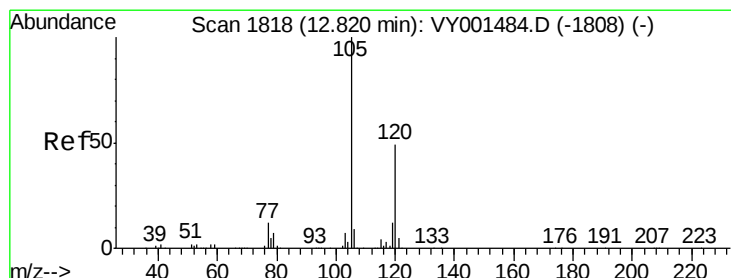
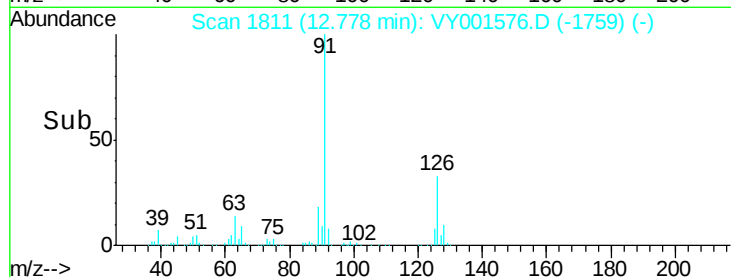
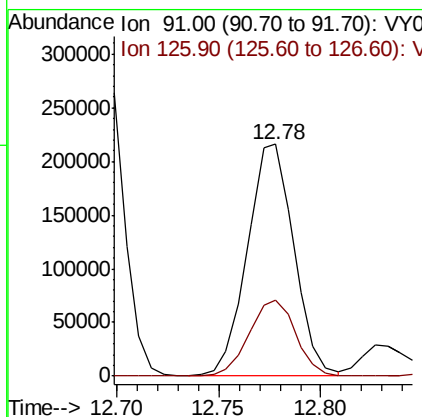
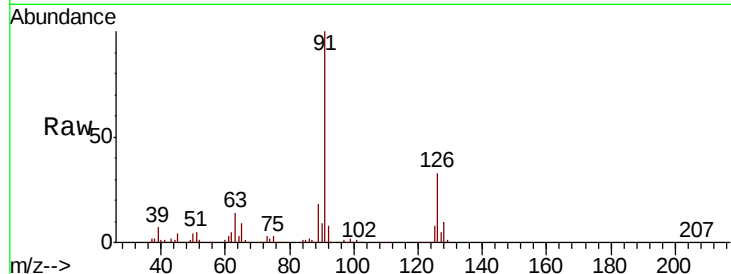
#79
 2-Chlorotoluene
 Concen: 46.556 ug/l
 RT: 12.78 min Scan# 1811
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.2

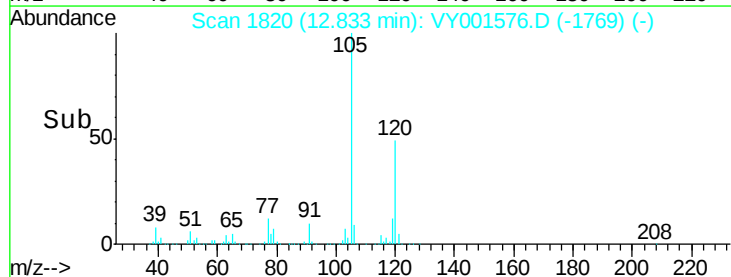
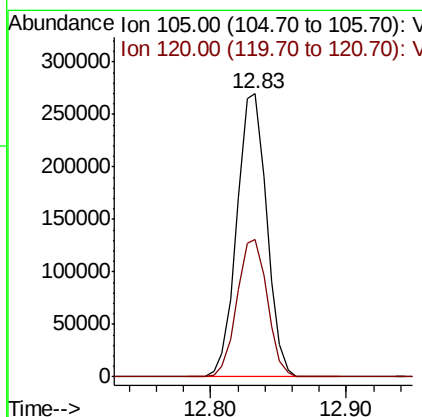
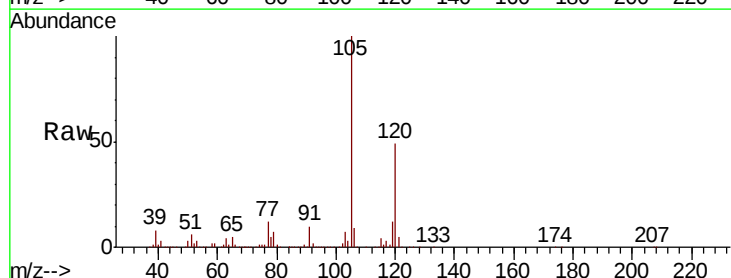
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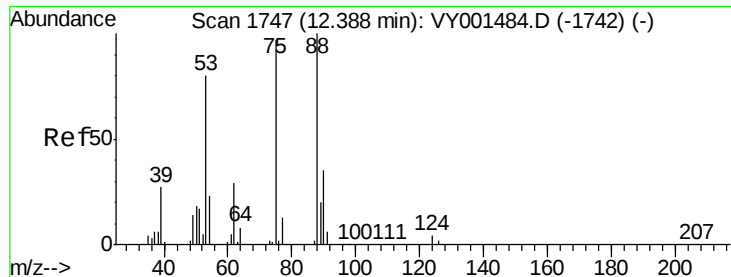
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#80
 1,3,5-Trimethylbenzene
 Concen: 45.366 ug/l
 RT: 12.83 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.1	72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.643 ug/l

RT: 12.40 min Scan# 1749

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 39872

Ion Ratio Lower Upper

75 100

53 84.0 67.7 101.5

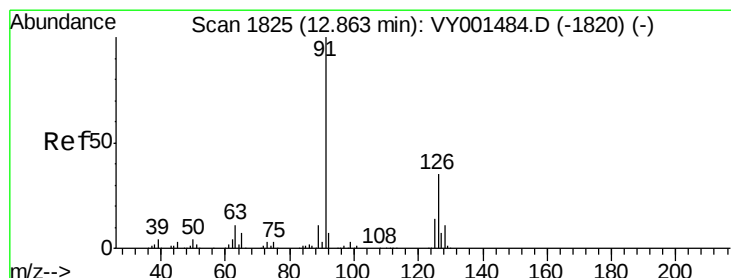
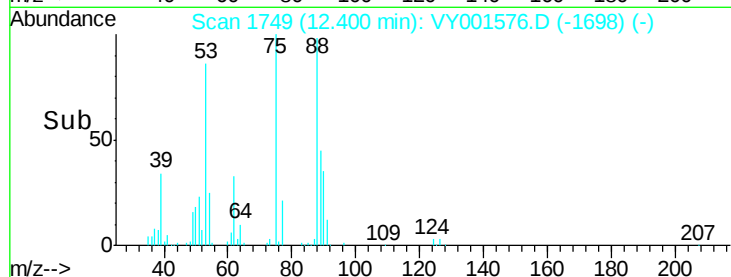
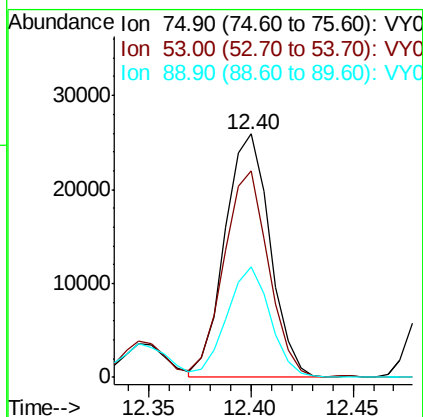
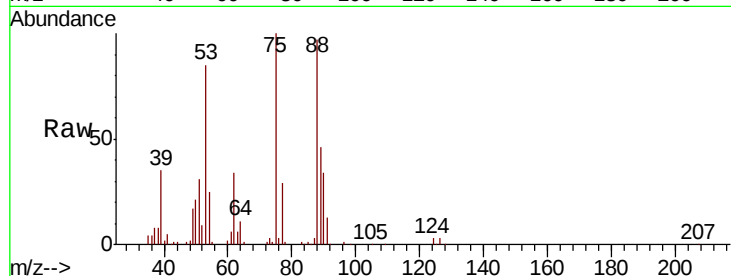
89 43.8 34.6 52.0

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#82

4-Chlorotoluene

Concen: 46.565 ug/l

RT: 12.88 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VY001576.D

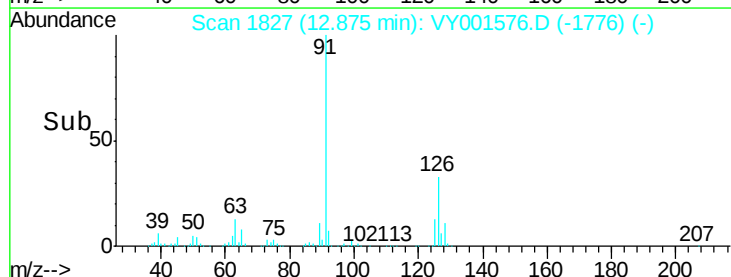
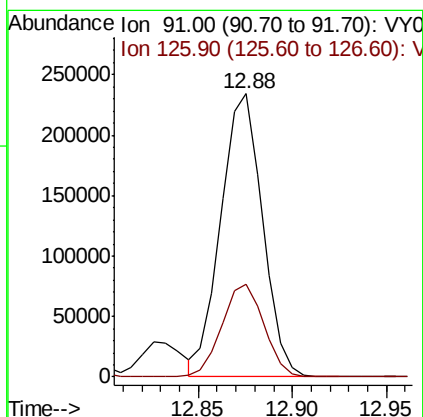
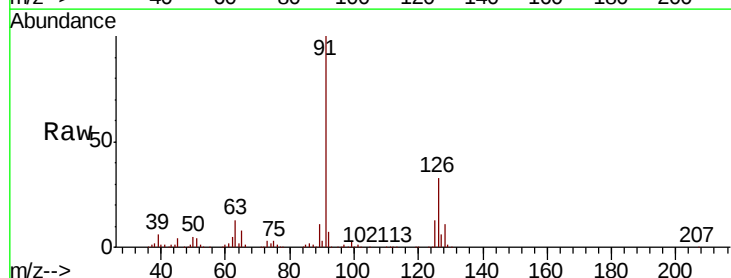
Acq: 07 Feb 2020 23:25

Tgt Ion: 91 Resp: 359949

Ion Ratio Lower Upper

91 100

126 33.0 16.5 49.5





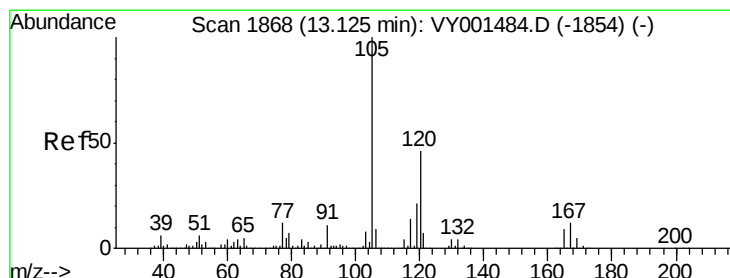
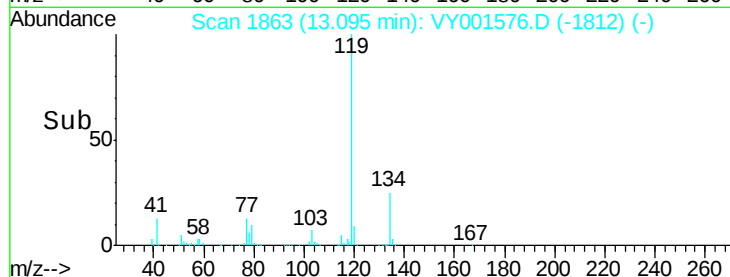
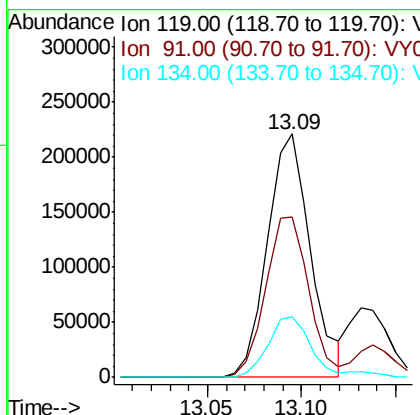
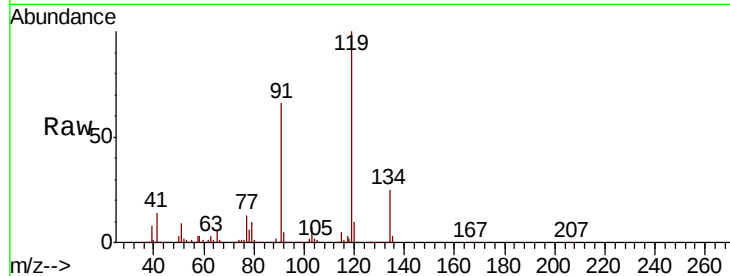
#83
tert-Butylbenzene
Concen: 45.495 ug/l
RT: 13.09 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	33.1	99.3
134	26.3	13.0	39.0

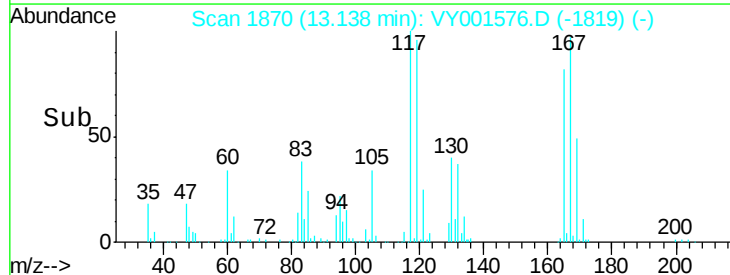
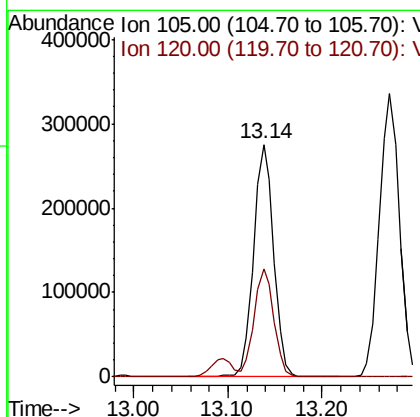
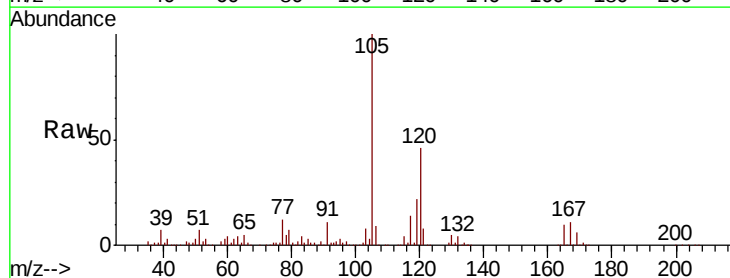
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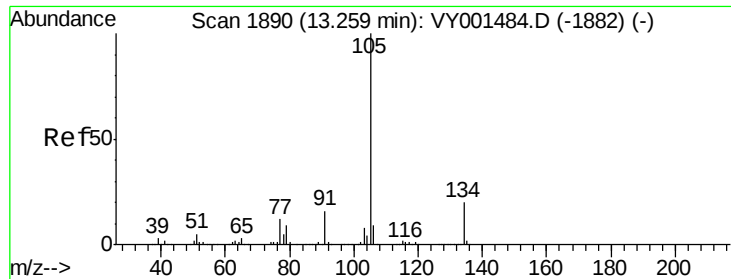
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#84
1,2,4-Trimethylbenzene
Concen: 46.104 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.4	67.0





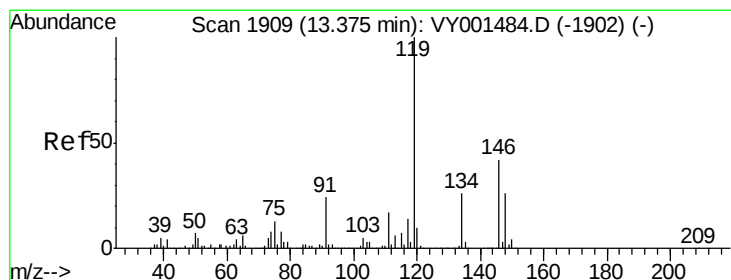
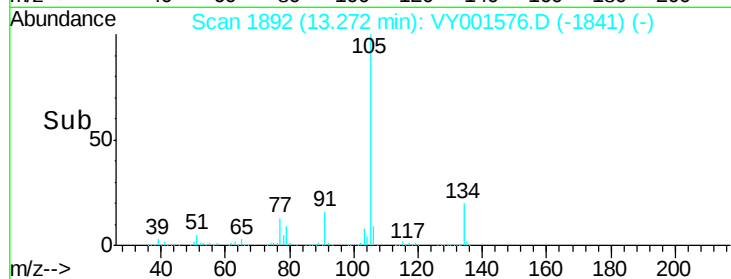
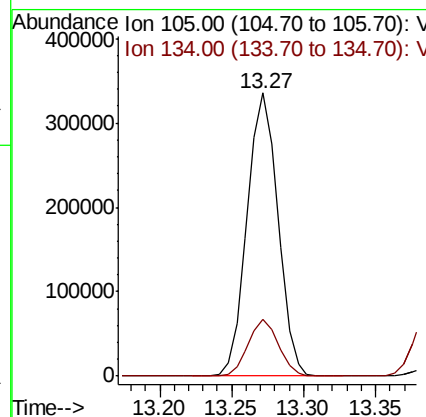
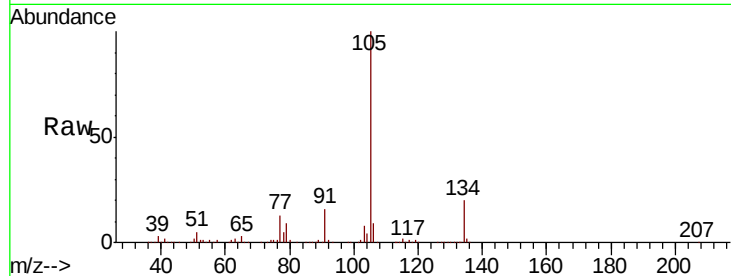
#85
 sec-Butylbenzene
 Concen: 46.139 ug/l
 RT: 13.27 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.0	29.8

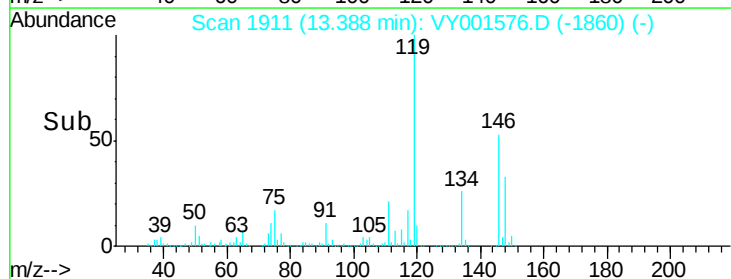
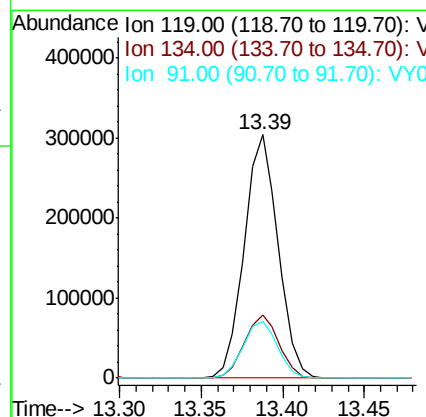
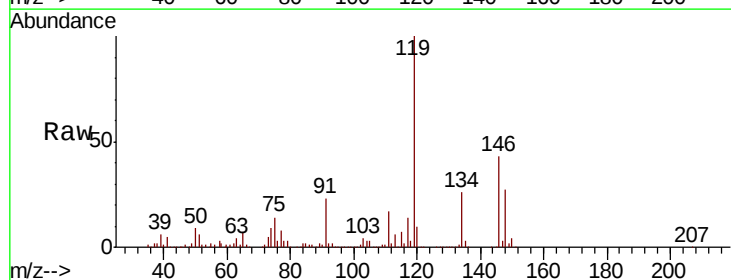
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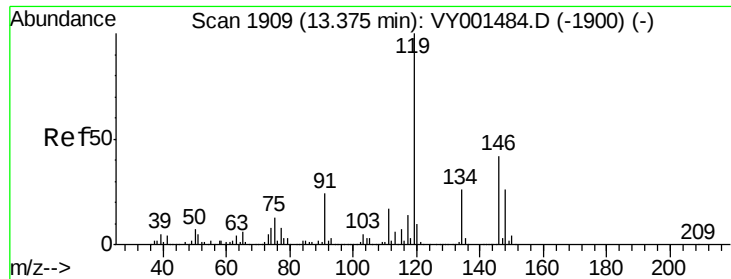
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#86
 p-Isopropyltoluene
 Concen: 46.050 ug/l
 RT: 13.39 min Scan# 1911
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.3	39.8
91	23.7	12.2	36.6





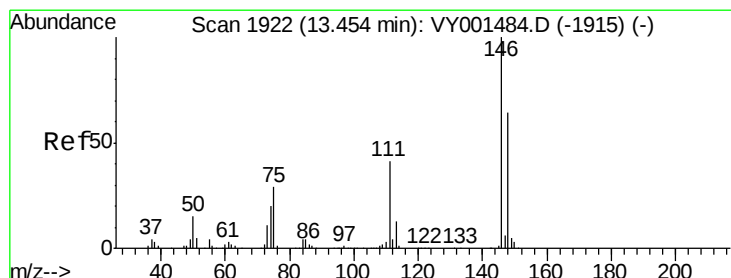
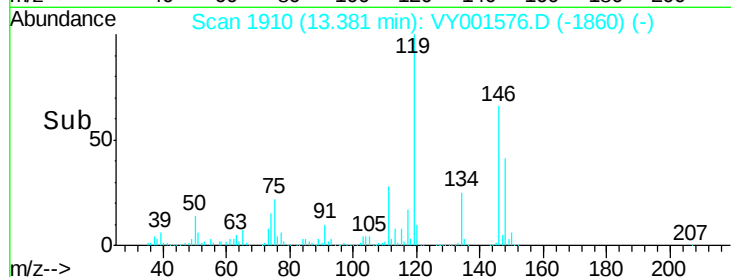
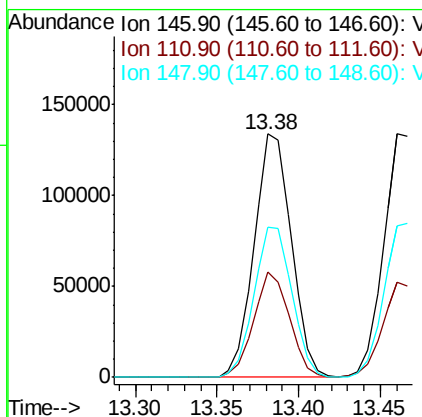
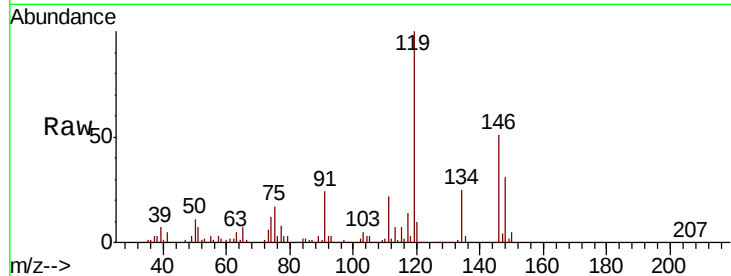
#87
 1,3-Dichlorobenzene
 Concen: 47.590 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	213247		
111	41.5	21.3	63.9	
148	62.7	31.9	95.7	

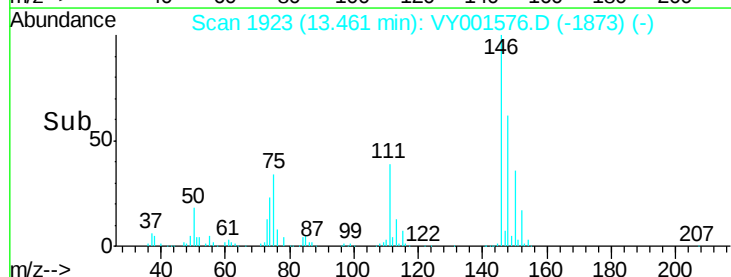
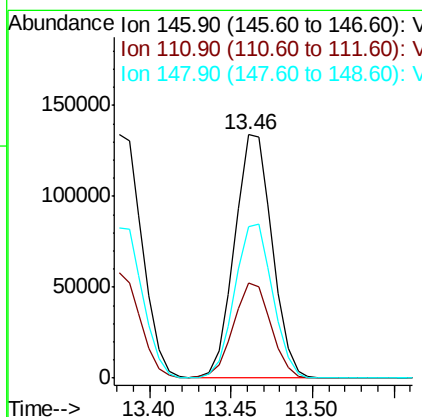
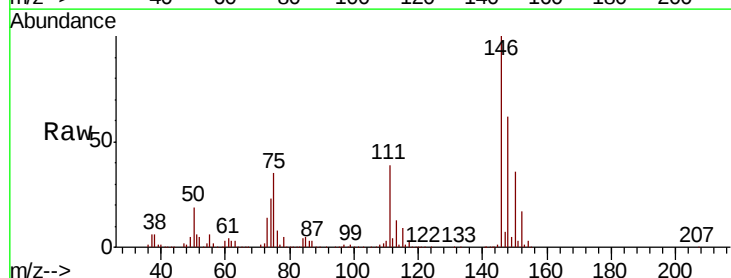
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#88
 1,4-Dichlorobenzene
 Concen: 47.917 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215105		
111	39.2	20.7	62.1	
148	63.7	32.1	96.5	





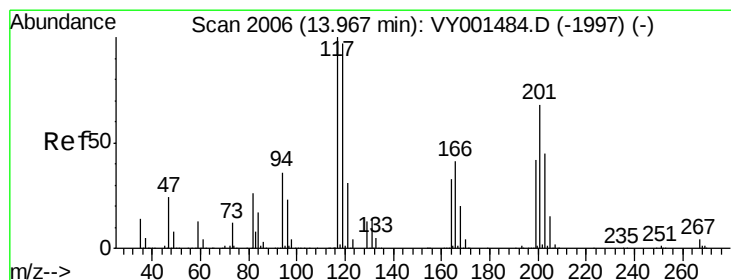
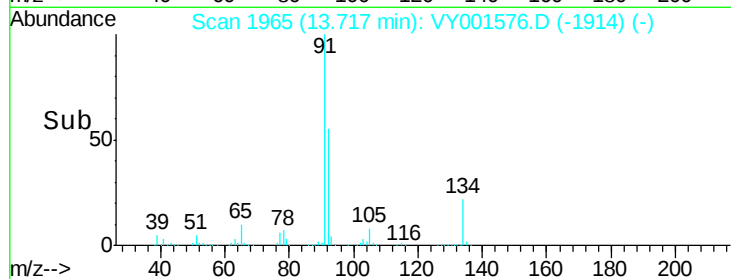
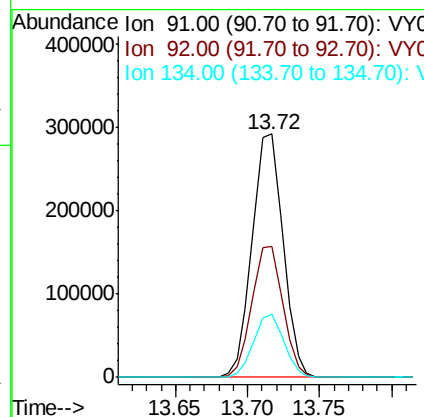
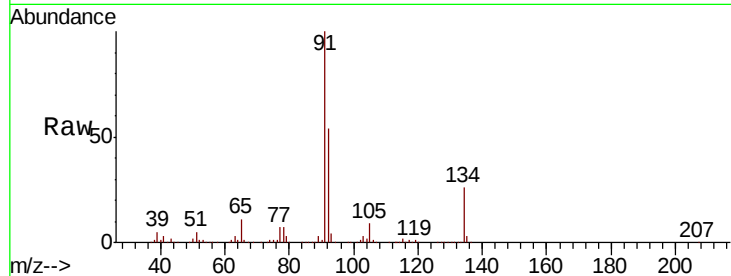
#89
n-Butylbenzene
Concen: 46.165 ug/l
RT: 13.72 min Scan# 1965
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.3	81.9
134	25.3	13.0	38.9

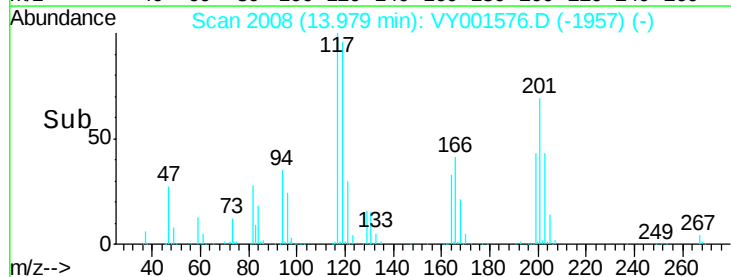
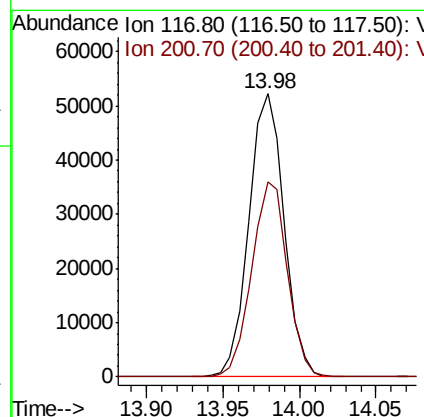
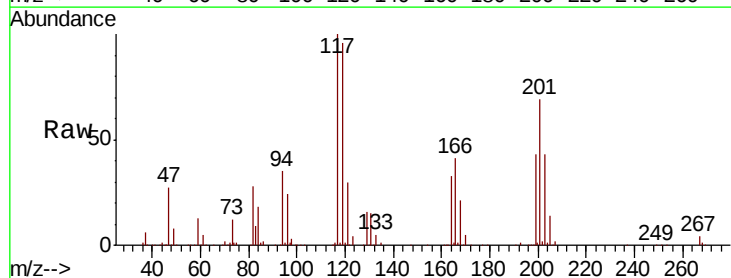
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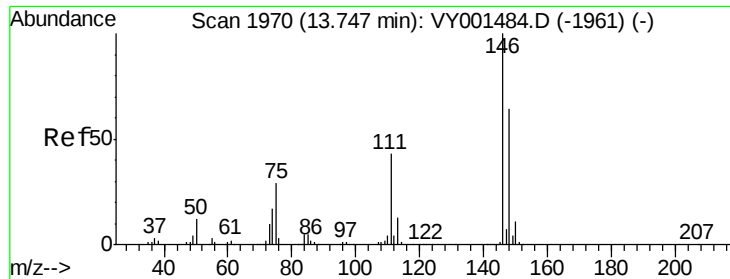
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#90
Hexachloroethane
Concen: 45.706 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.7	34.1	102.3





#91

1,2-Dichlorobenzene

Concen: 49.180 ug/l

RT: 13.76 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

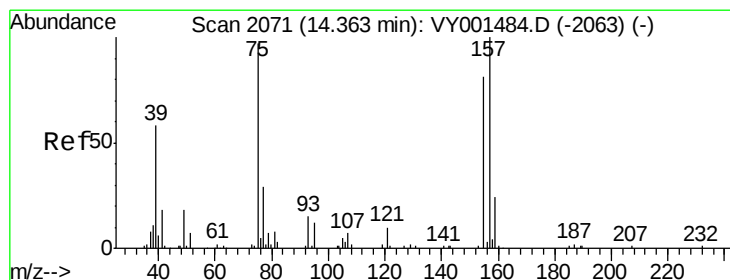
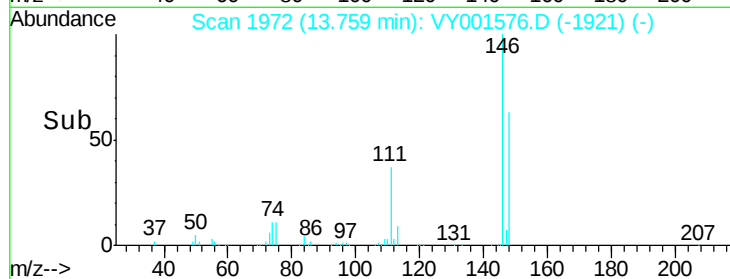
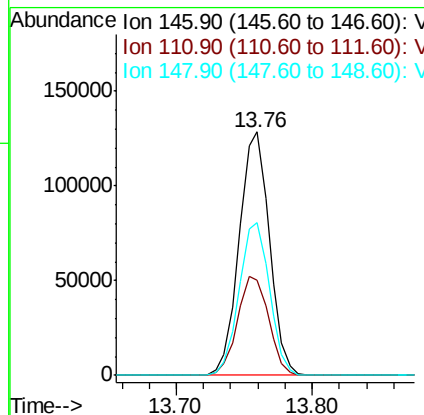
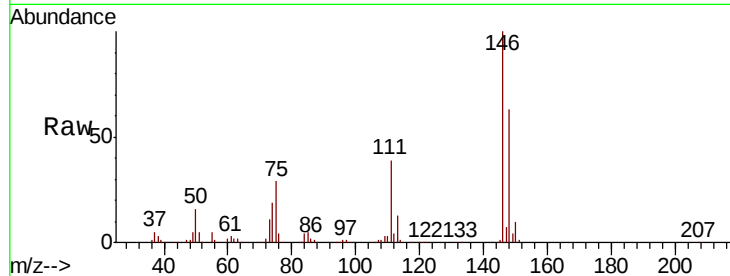
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	199705
Ion Ratio	Lower	Upper	
146	100		
111	41.8	21.9	65.8
148	63.0	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.872 ug/l

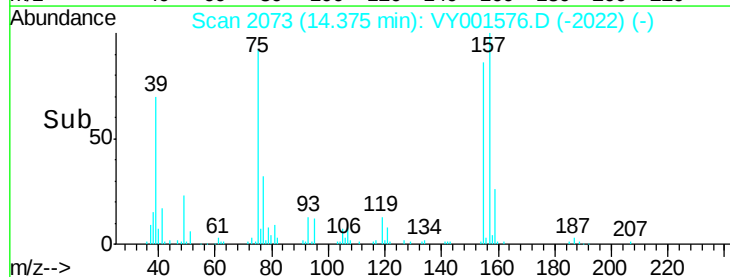
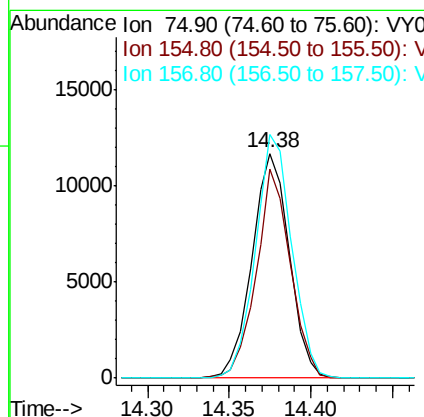
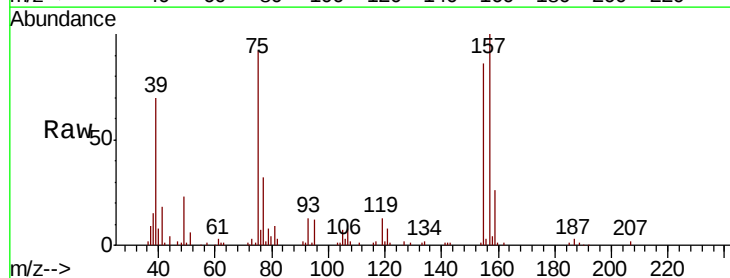
RT: 14.38 min Scan# 2073

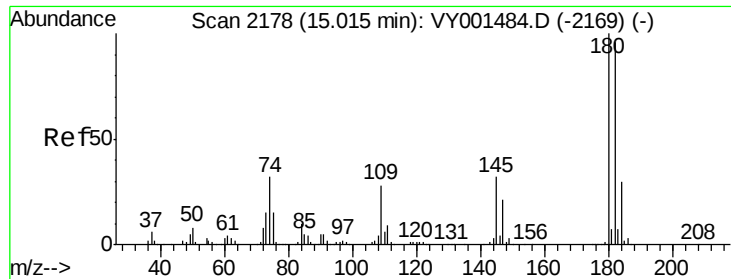
Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Tgt Ion:	75	Resp:	18520
Ion Ratio	Lower	Upper	
75	100		
155	85.0	40.7	122.1
157	105.6	52.3	157.1





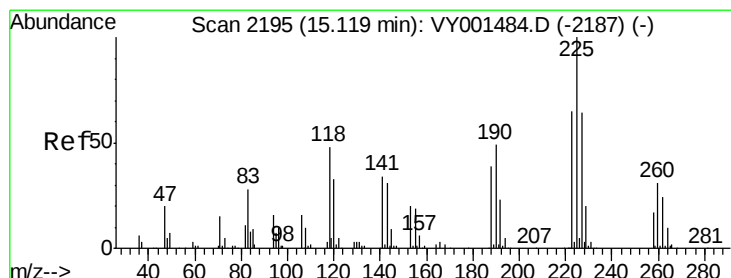
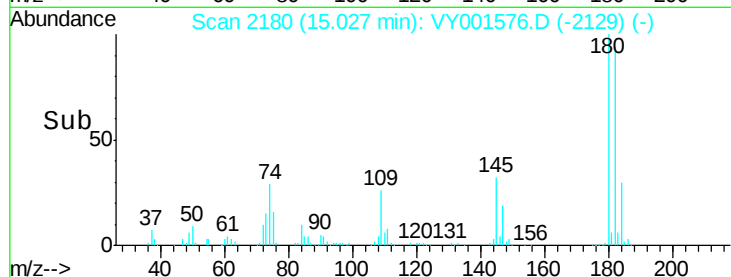
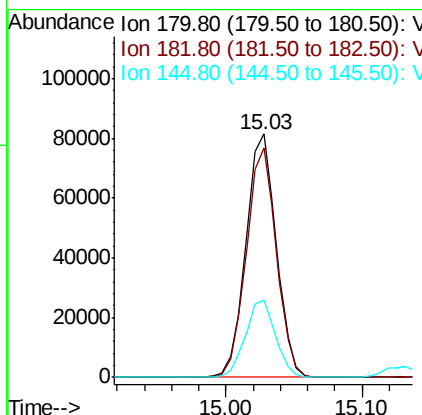
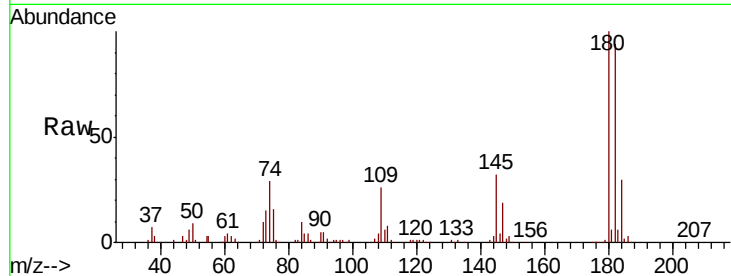
#93
1,2,4-Trichlorobenzene
Concen: 46.441 ug/l
RT: 15.03 min Scan# 2180
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127085		
182	93.5	46.9	140.7	
145	31.7	16.8	50.3	

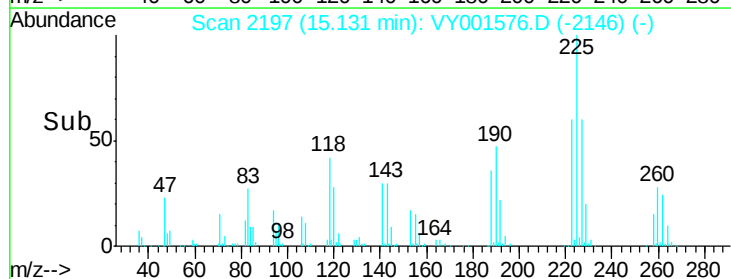
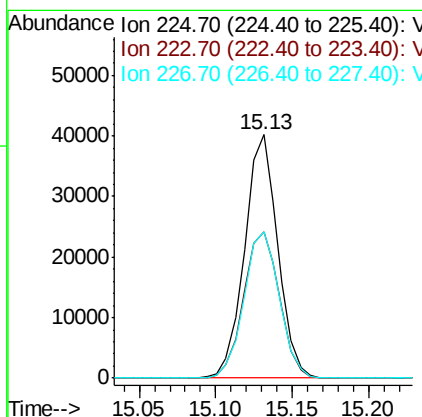
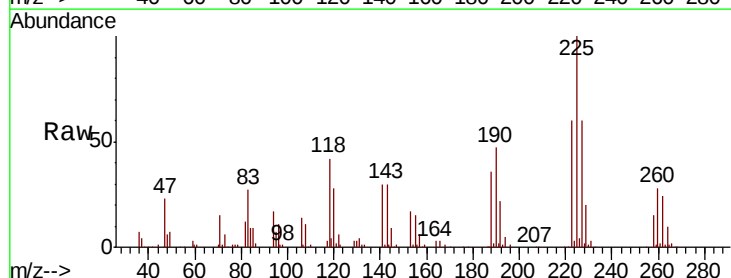
Manual Integrations
APPROVED

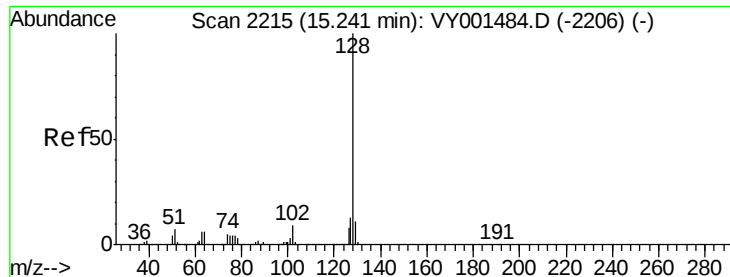
MMDadoda
2/10/2020 11:26:59 AM



#94
Hexachlorobutadiene
Concen: 43.572 ug/l
RT: 15.13 min Scan# 2197
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60514		
223	64.6	31.9	95.7	
227	64.1	32.6	97.7	





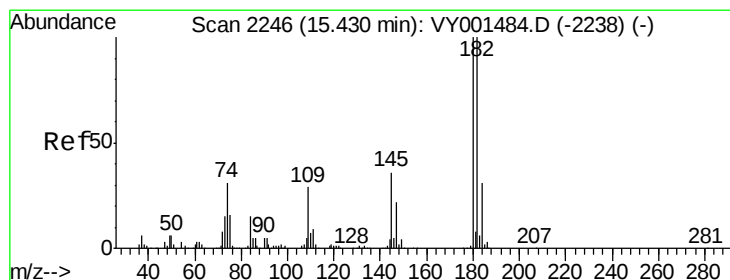
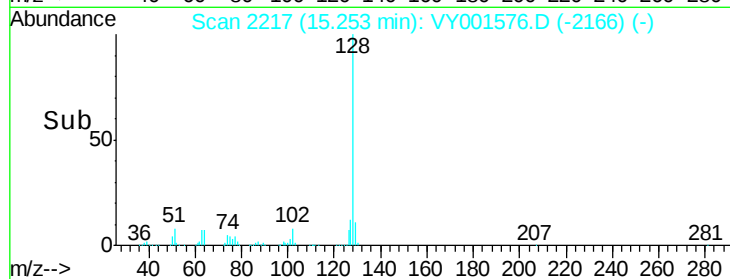
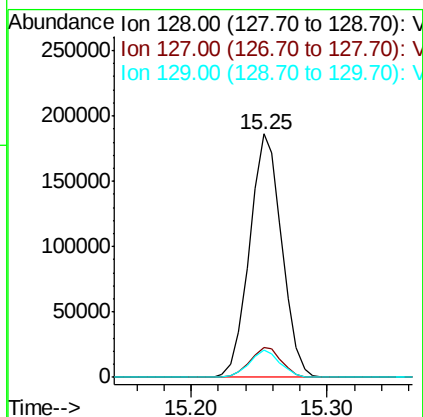
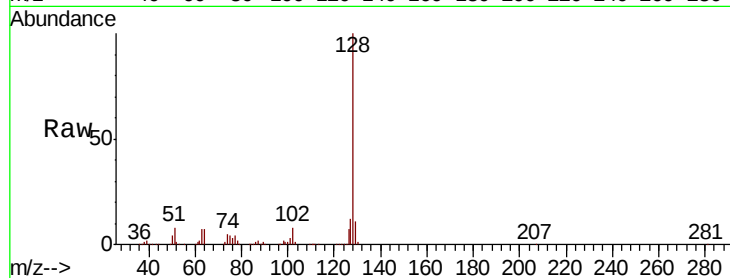
#95
Naphthalene
Concen: 47.921 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/10/2020 11:26:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.937 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	33.5	17.8	53.5

