

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000793.D
 Acq On : 26 Nov 2019 10:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 11/27/2019 5:14:25 PM

Quant Time: Nov 26 11:40:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	329051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	565716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	508239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	235197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	172568	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.72	113	170478	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
50) Toluene-d8	10.18	98	691868	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	
62) 4-Bromofluorobenzene	12.48	95	245369	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	146592	45.256	ug/l	97
3) Chloromethane	2.12	50	185839	41.648	ug/l	95
4) Vinyl Chloride	2.26	62	188179	45.414	ug/l	98
5) Bromomethane	2.65	94	113913	45.844	ug/l	94
6) Chloroethane	2.80	64	120531	46.477	ug/l	96
7) Trichlorofluoromethane	3.13	101	277467	49.584	ug/l	96
8) Diethyl Ether	3.53	74	108744	54.690	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	178003	52.615	ug/l	96
10) Methyl Iodide	4.10	142	223661	50.212	ug/l	98
11) Tert butyl alcohol	4.96	59	84418	254.670	ug/l	98
12) 1,1-Dichloroethene	3.88	96	174496	53.089	ug/l	93
13) Acrolein	3.74	56	67388	233.389	ug/l	99
14) Allyl chloride	4.49	41	297671	55.696	ug/l	94
15) Acrylonitrile	5.18	53	283634	278.462	ug/l	99
16) Acetone	3.96	43	213133	227.093	ug/l	93
17) Carbon Disulfide	4.20	76	518353	50.001	ug/l	98
18) Methyl Acetate	4.48	43	161294	55.272	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	492369	53.877	ug/l	97
20) Methylene Chloride	4.72	84	202612	50.382	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	196215	52.804	ug/l	96
22) Diisopropyl ether	6.13	45	629330	54.174	ug/l	93
23) Vinyl Acetate	6.07	43	1911127	260.616	ug/l	97
24) 1,1-Dichloroethane	6.02	63	347108	55.155	ug/l	99
25) 2-Butanone	7.00	43	395489	264.042	ug/l	100
26) 2,2-Dichloropropane	6.99	77	298488	51.900	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	222500	54.760	ug/l	99
28) Bromochloromethane	7.35	49	149315	51.858	ug/l	99
29) Tetrahydrofuran	7.35	42	234749	256.188	ug/l	95
30) Chloroform	7.52	83	341265	53.604	ug/l	97
31) Cyclohexane	7.79	56	335772	50.940	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	294811	51.959	ug/l	98
36) 1,1-Dichloropropene	7.93	75	276810	51.759	ug/l	98
37) Ethyl Acetate	7.08	43	148650	46.817	ug/l #	93
38) Carbon Tetrachloride	7.91	117	253564	49.274	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	364719	52.787	ug/l	99
40) Benzene	8.17	78	814214	51.930	ug/l	99
41) Methacrylonitrile	7.33	41	110232m	62.233	ug/l	
42) 1,2-Dichloroethane	8.25	62	211451	47.549	ug/l	97
43) Isopropyl Acetate	8.28	43	300195	50.330	ug/l	97
44) Trichloroethene	8.94	130	213332	51.604	ug/l	99
45) 1,2-Dichloropropane	9.22	63	209216	54.216	ug/l	96
46) Dibromomethane	9.31	93	108417	51.086	ug/l	98
47) Bromodichloromethane	9.50	83	259982	51.628	ug/l	98
48) Methyl methacrylate	9.30	41	130177	49.952	ug/l	94
49) 1,4-Dioxane	9.30	88	29174	1021.411	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	787769	248.416	ug/l	94
52) Toluene	10.25	92	503705	50.813	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	283906	52.764	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	335674	54.457	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	160905	52.419	ug/l	97
56) Ethyl methacrylate	10.51	69	238690	54.863	ug/l #	90
57) 1,3-Dichloropropane	10.79	76	282945	52.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	522375	265.586	ug/l	98
59) 2-Hexanone	10.83	43	606661	262.567	ug/l	94
60) Dibromochloromethane	10.99	129	181523	51.628	ug/l	98
61) 1,2-Dibromoethane	11.09	107	150904	51.130	ug/l	97
64) Tetrachloroethene	10.72	164	219889	52.323	ug/l	97
65) Chlorobenzene	11.52	112	532365	51.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	184996	51.765	ug/l	97
67) Ethyl Benzene	11.59	91	983758	51.873	ug/l	98
68) m/p-Xylenes	11.70	106	734621	100.083	ug/l	96
69) o-Xylene	12.03	106	346081	50.168	ug/l	99
70) Styrene	12.04	104	602690	51.021	ug/l	99
71) Bromoform	12.20	173	105843	51.492	ug/l #	99
73) Isopropylbenzene	12.33	105	955925	54.992	ug/l	100
74) N-amyl acetate	12.14	43	257135	51.650	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	184652	53.649	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	142494m	53.208	ug/l	
77) Bromobenzene	12.61	156	205200	52.056	ug/l	96
78) n-propylbenzene	12.67	91	1147740	54.722	ug/l	99
79) 2-Chlorotoluene	12.75	91	633797	54.432	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	782496	54.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	72127	60.387	ug/l	90
82) 4-Chlorotoluene	12.85	91	660486	54.722	ug/l	98
83) tert-Butylbenzene	13.08	119	666837	53.946	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	788429	54.697	ug/l	99
85) sec-Butylbenzene	13.25	105	977329	55.495	ug/l	100
86) p-Isopropyltoluene	13.37	119	845550	53.870	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	402077	52.076	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	404659	52.449	ug/l	99
89) n-Butylbenzene	13.70	91	857347	55.380	ug/l	99
90) Hexachloroethane	13.96	117	161767	55.748	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	368690	52.630	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31784	52.179	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	246701	51.720	ug/l	99
94) Hexachlorobutadiene	15.11	225	126150	51.306	ug/l	97
95) Naphthalene	15.23	128	575393	54.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	216601	50.615	ug/l	99

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

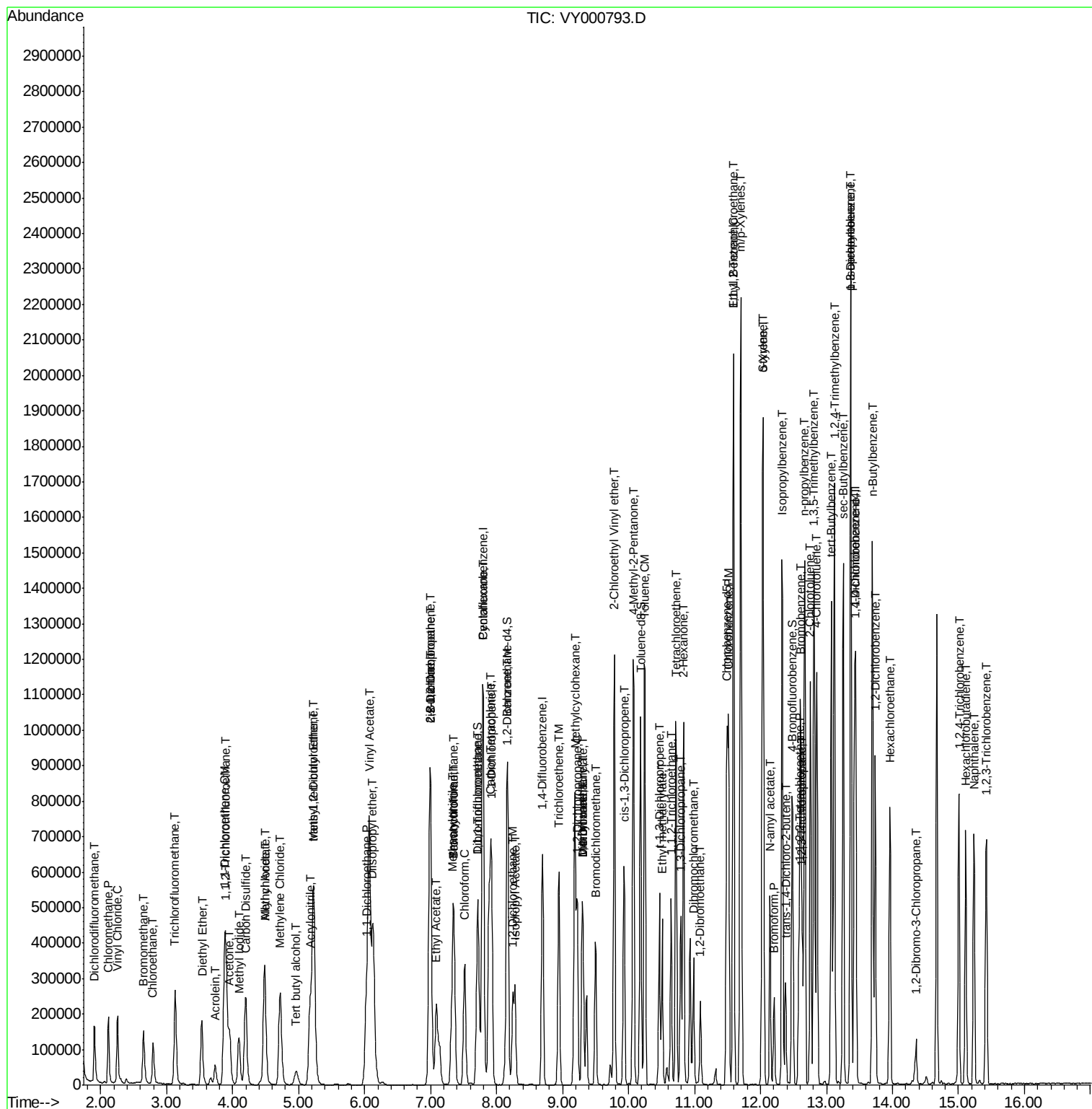
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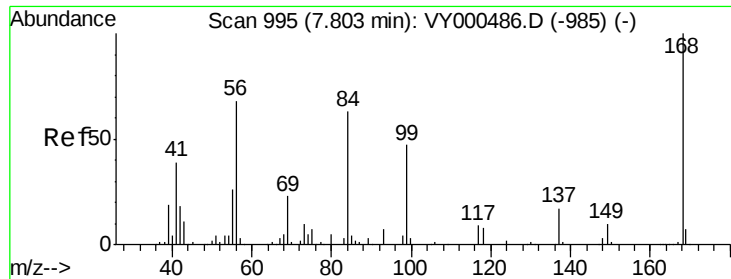
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 329051

Ion Ratio Lower Upper

168 100

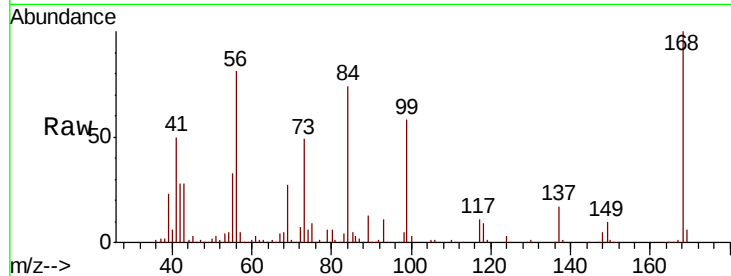
99 58.5 45.7 68.5

Manual Integrations

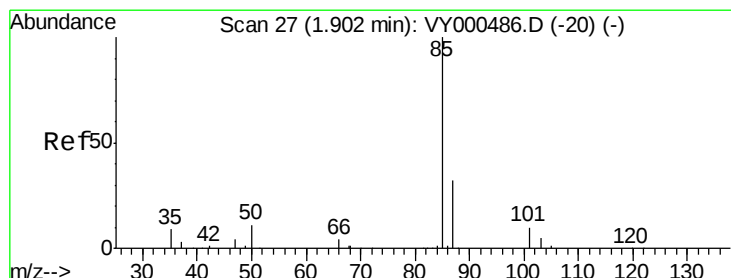
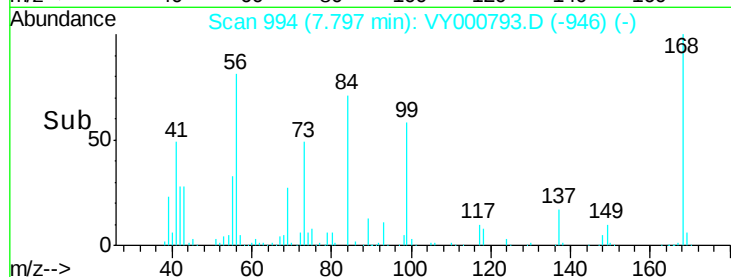
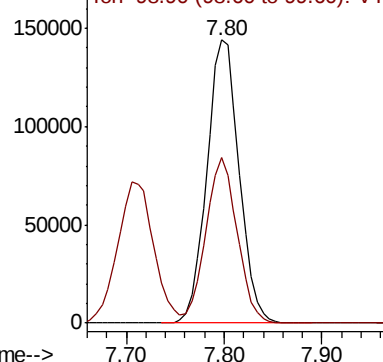
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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 45.256 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000793.D

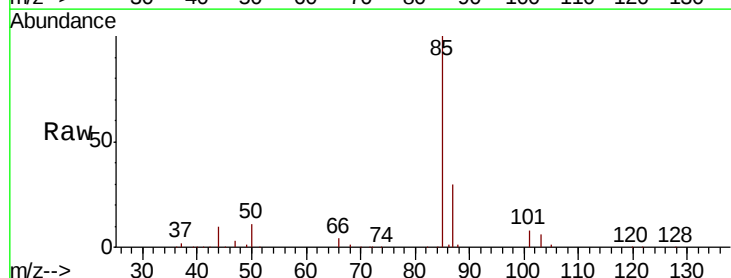
Acq: 26 Nov 2019 10:45

Tgt Ion: 85 Resp: 146592

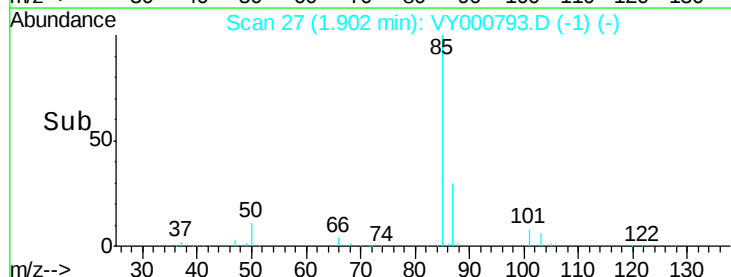
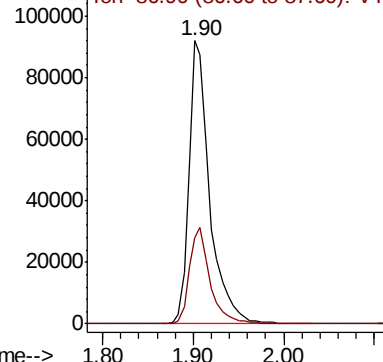
Ion Ratio Lower Upper

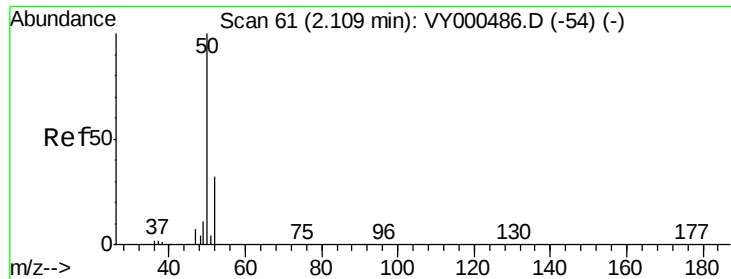
85 100

87 30.4 15.9 47.7



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





#3

Chloromethane

Concen: 41.648 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 185839

Ion Ratio Lower Upper

50 100

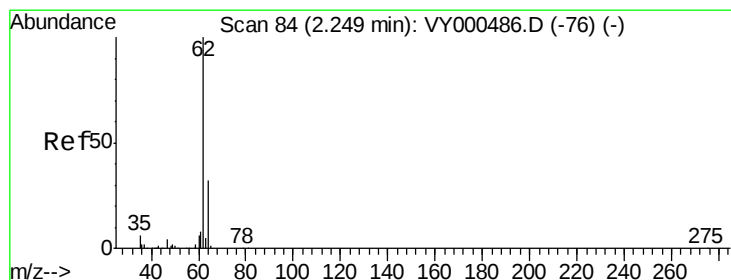
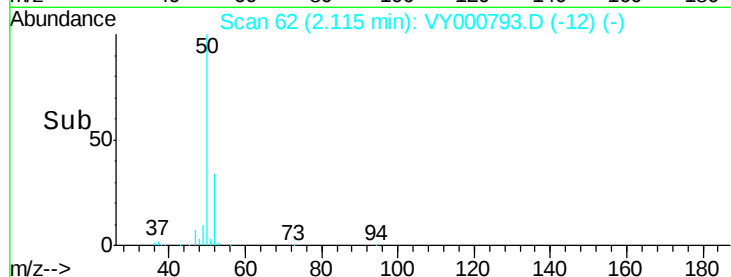
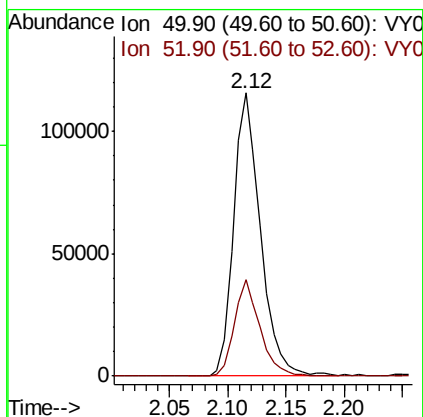
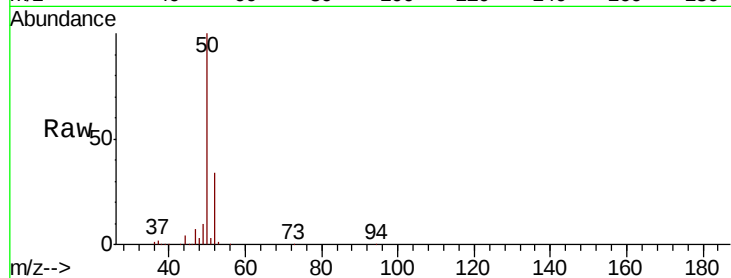
52 34.3 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.414 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000793.D

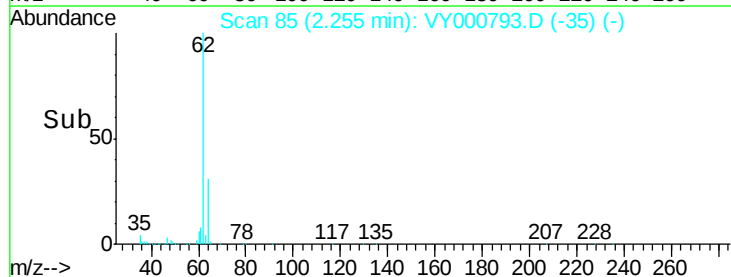
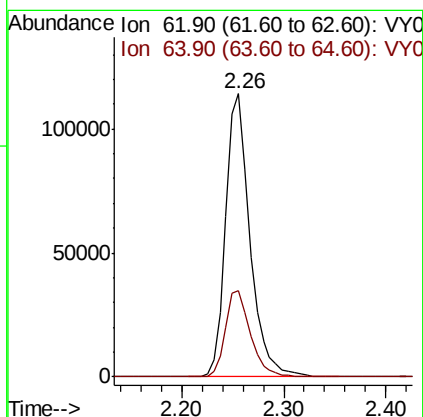
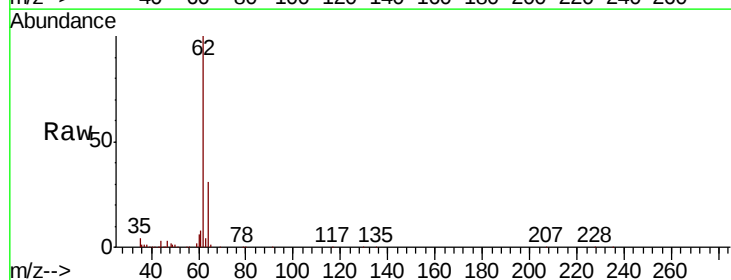
Acq: 26 Nov 2019 10:45

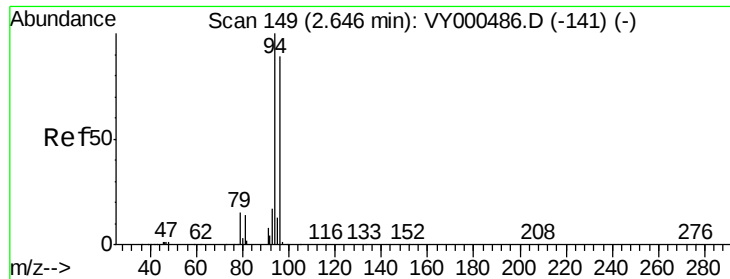
Tgt Ion: 62 Resp: 188179

Ion Ratio Lower Upper

62 100

64 30.6 25.2 37.8





#5

Bromomethane

Concen: 45.844 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 113913

Ion Ratio Lower Upper

94 100

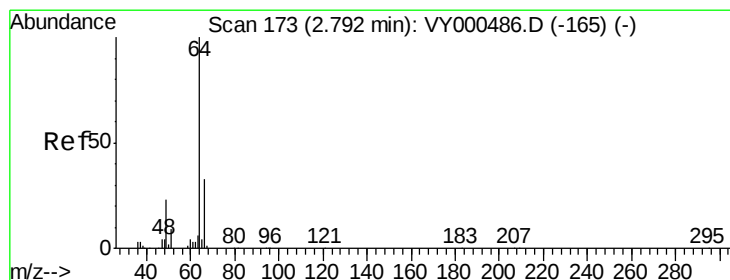
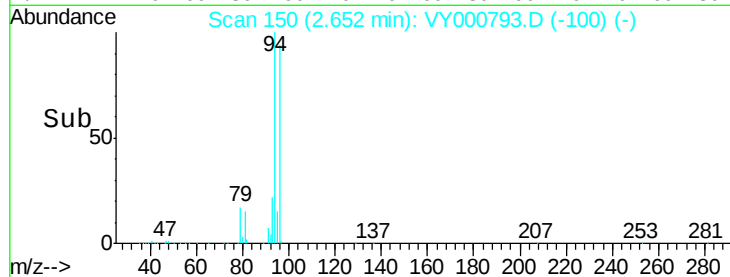
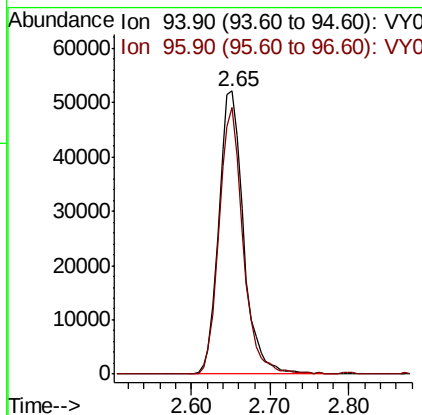
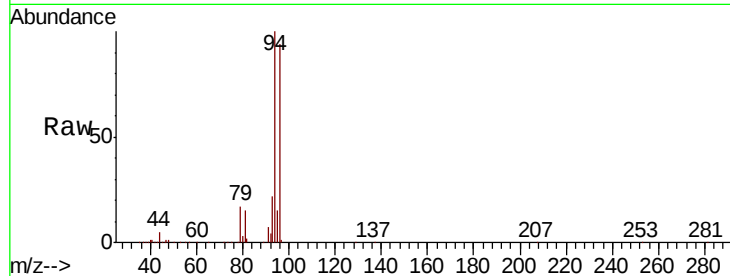
96 94.3 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 46.477 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000793.D

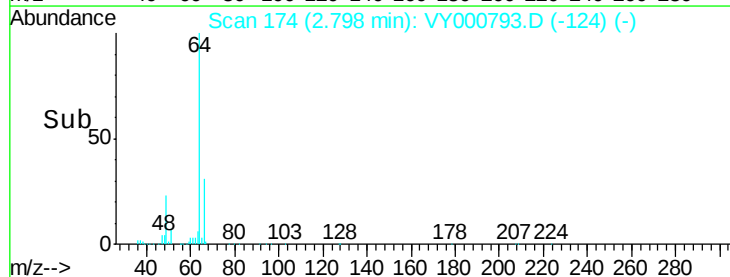
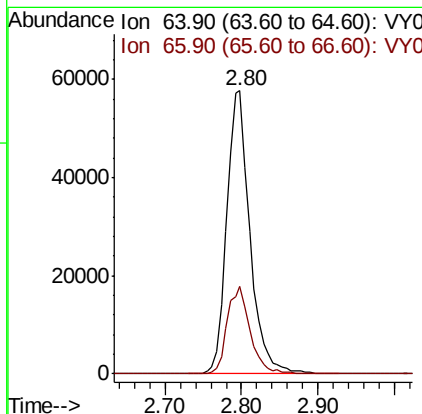
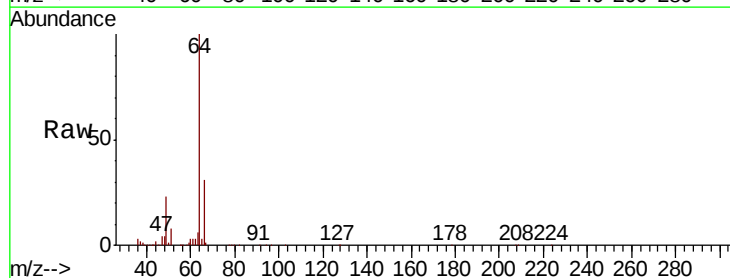
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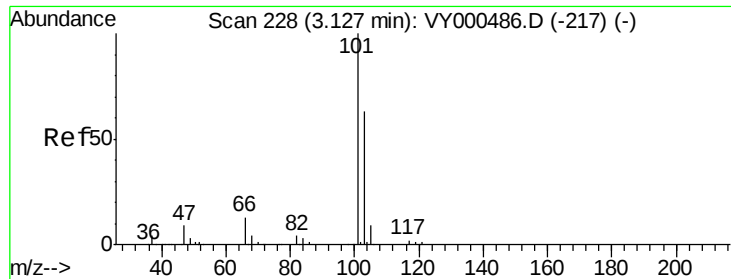
Tgt Ion: 64 Resp: 120531

Ion Ratio Lower Upper

64 100

66 30.8 26.6 40.0





#7

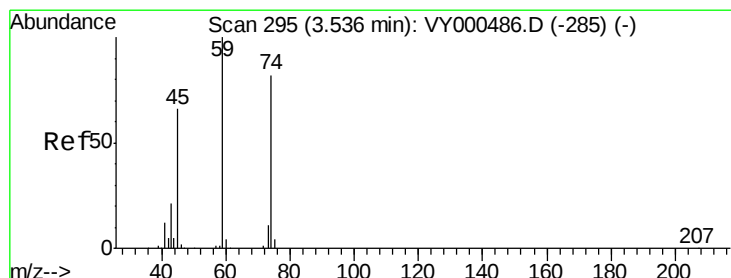
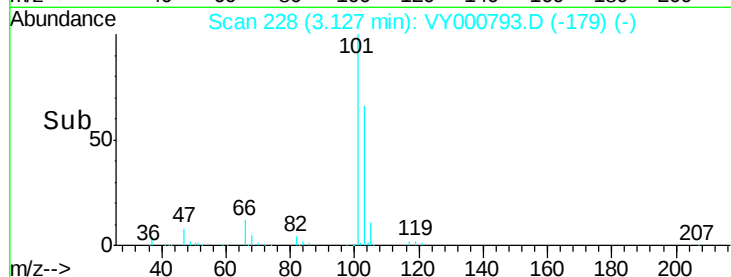
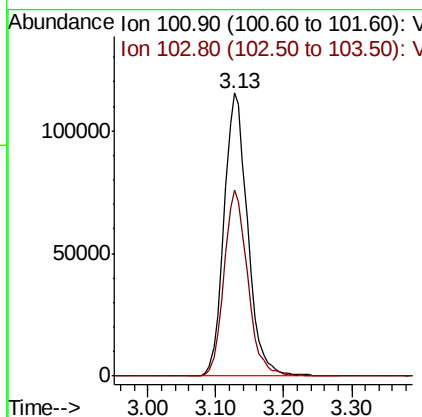
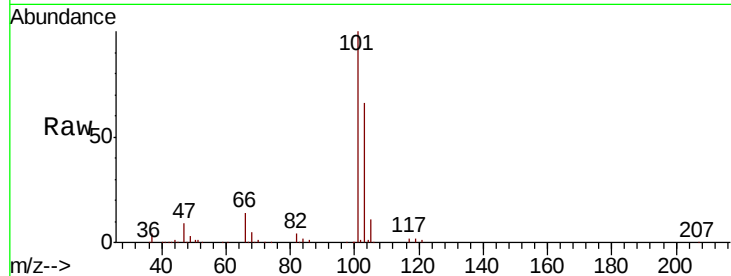
Trichlorofluoromethane
 Concen: 49.584 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.5	75.7

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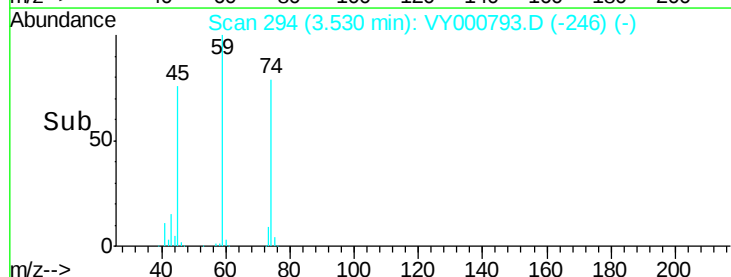
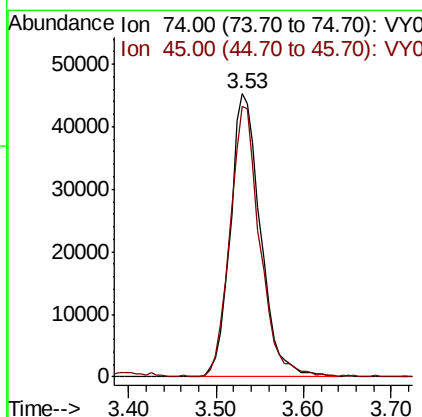
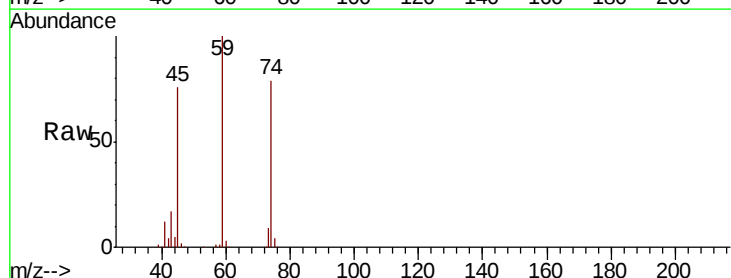
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#8

Diethyl Ether
 Concen: 54.690 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.615 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

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MSVOA_Y

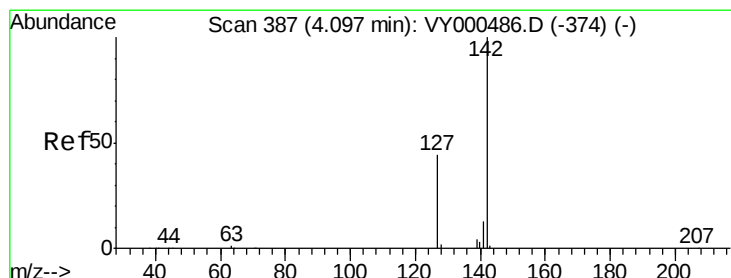
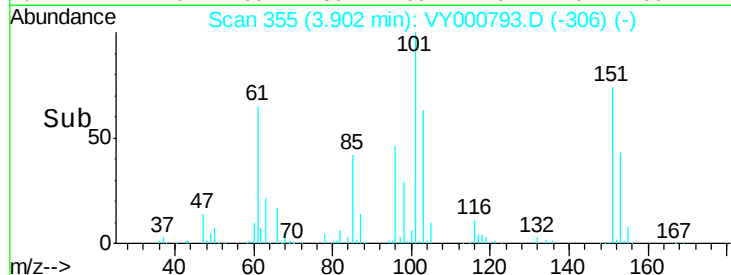
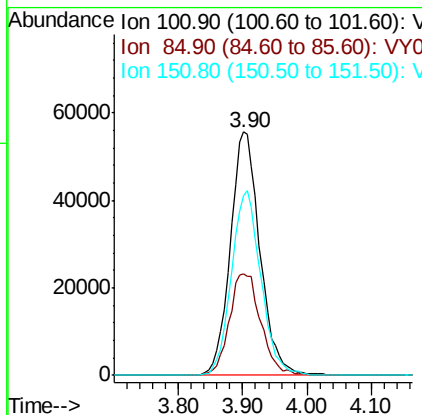
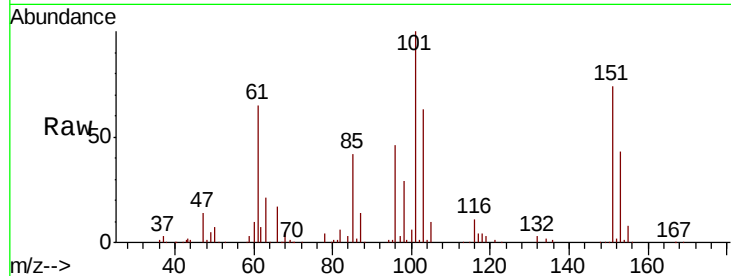
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	178003
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.7	55.1
151	75.4	64.3	96.5

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#10

Methyl Iodide

Concen: 50.212 ug/l

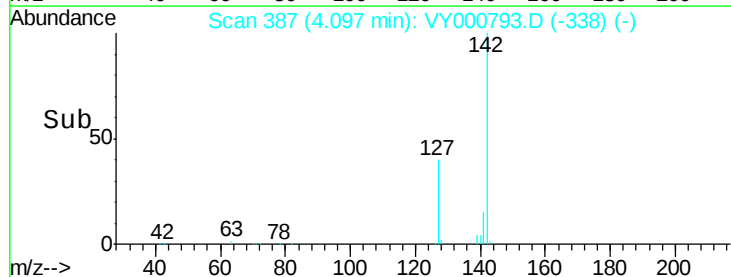
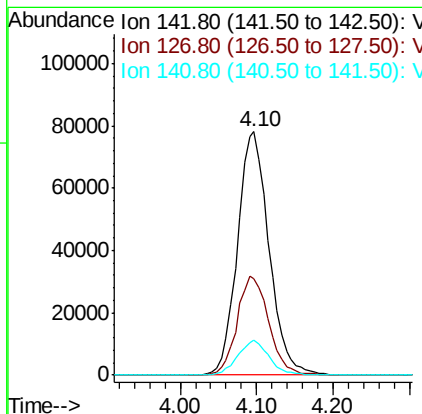
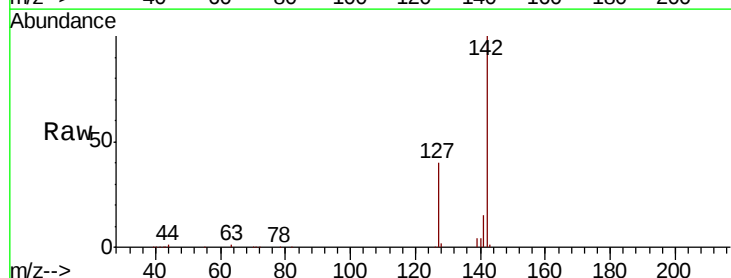
RT: 4.10 min Scan# 387

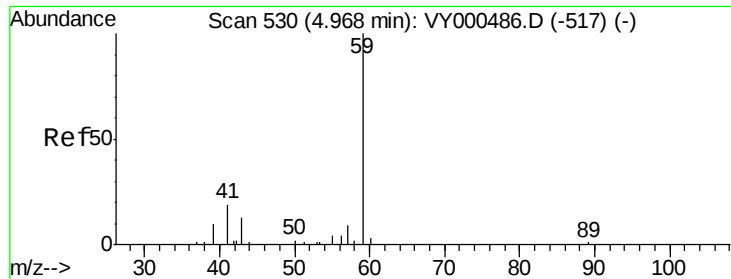
Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion:	142	Resp:	223661
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.7	50.5
141	14.1	10.9	16.3





#11

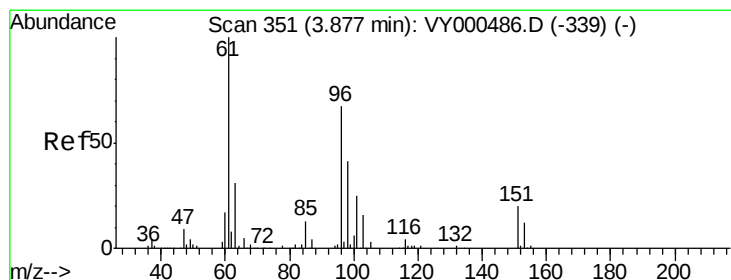
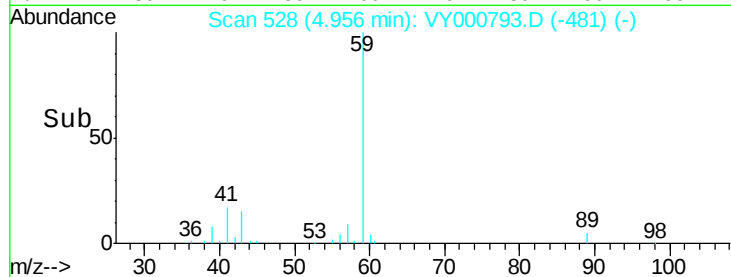
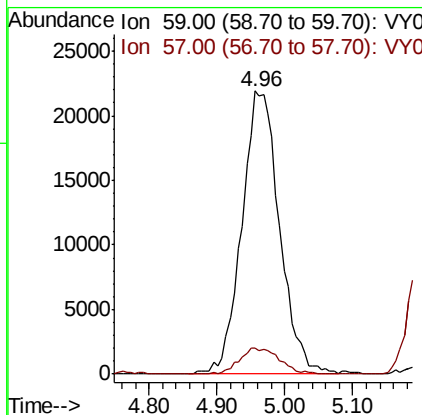
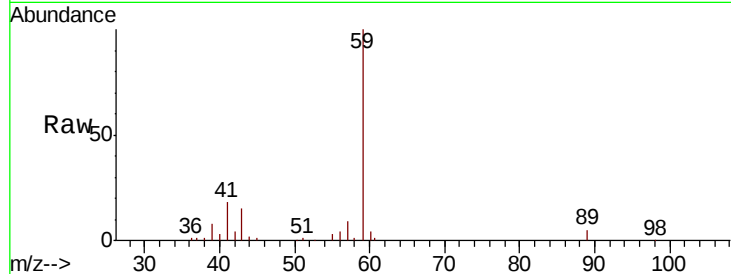
Tert butyl alcohol
 Concen: 254.670 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	84418
Ion Ratio	100	Lower	Upper
57	9.8	8.6	12.8

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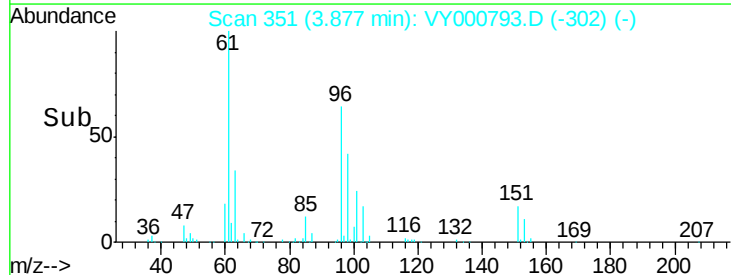
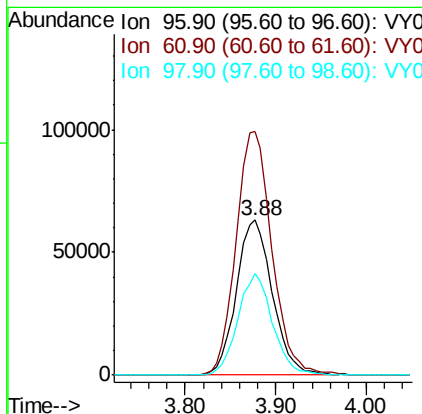
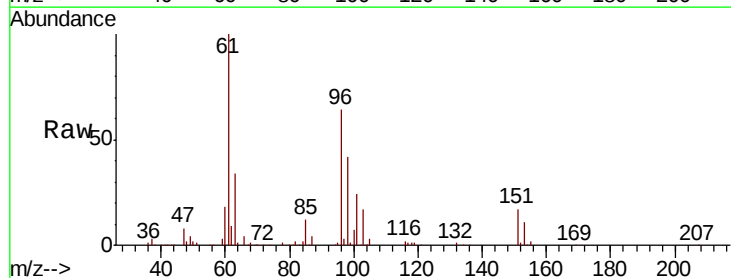
apatel
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#12

1,1-Dichloroethene
 Concen: 53.089 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion	96	Resp	174496
Ion Ratio	100	Lower	Upper
61	157.4	119.2	178.8
98	65.6	48.6	73.0





#13

Acrolein

Concen: 233.389 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 67388

Ion Ratio Lower Upper

56 100

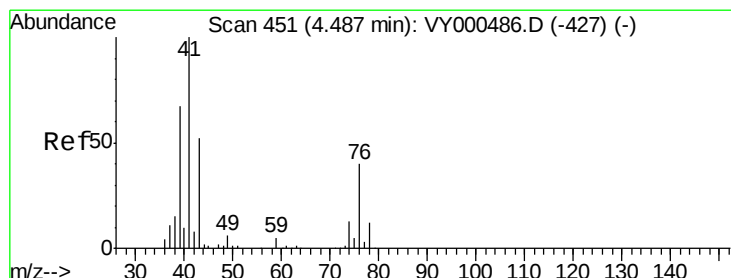
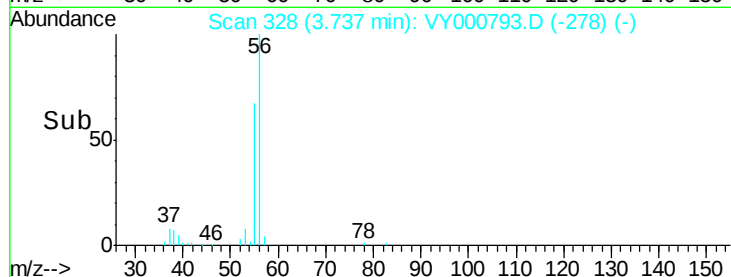
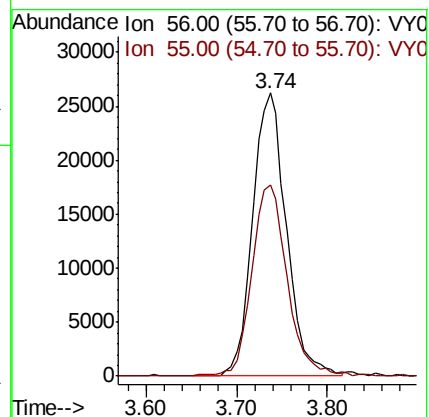
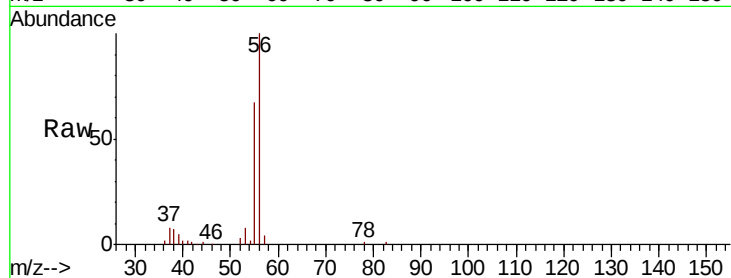
55 70.8 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 55.696 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

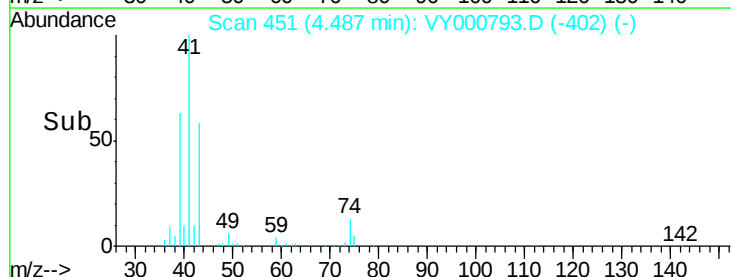
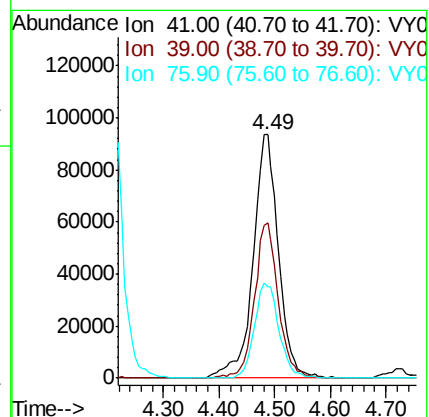
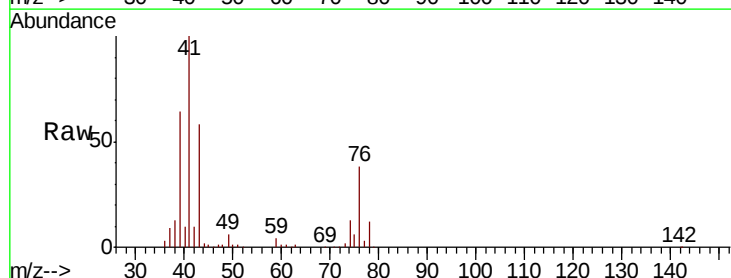
Tgt Ion: 41 Resp: 297671

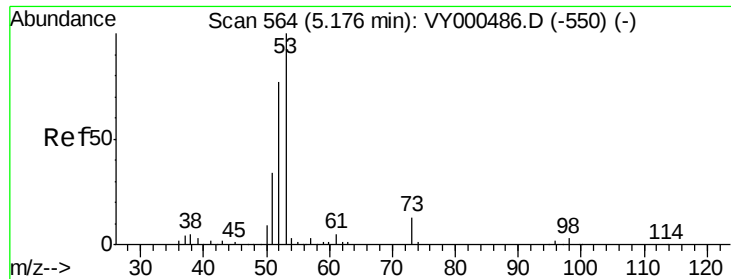
Ion Ratio Lower Upper

41 100

39 59.9 53.6 80.4

76 37.8 29.8 44.6





#15

Acrylonitrile

Concen: 278.462 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

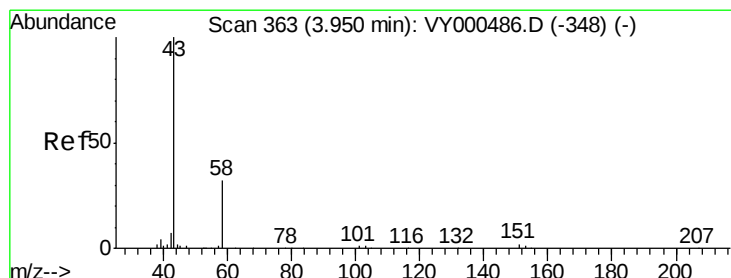
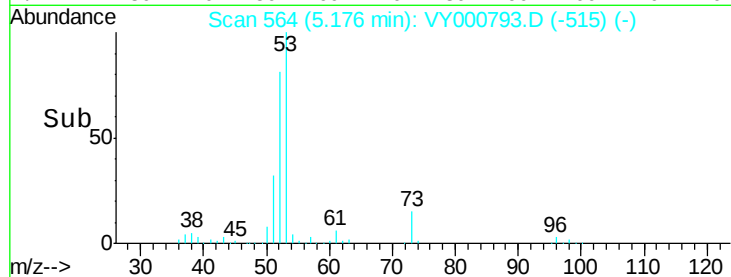
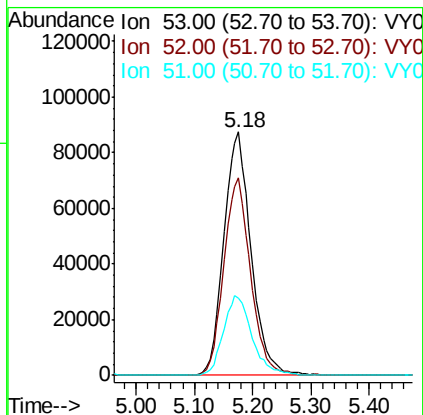
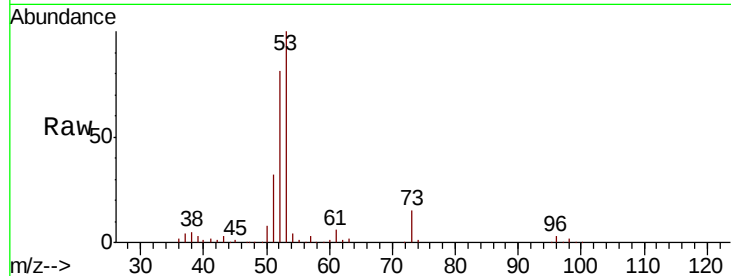
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	283634
Ion Ratio	Lower	Upper	
53	100		
52	79.4	64.9	97.3
51	34.2	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 227.093 ug/l

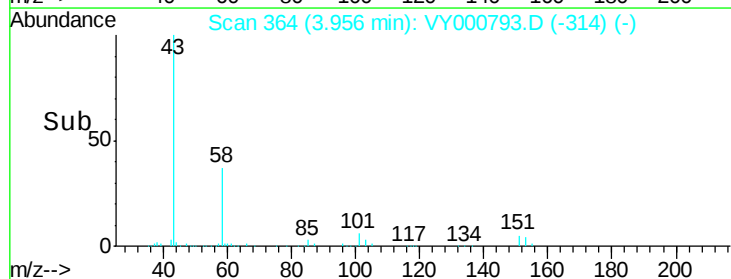
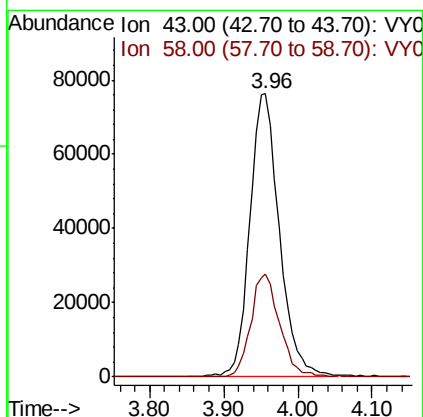
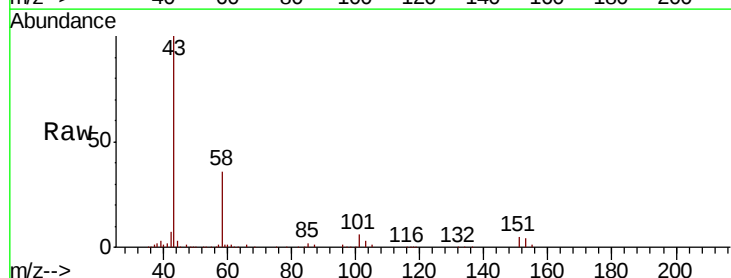
RT: 3.96 min Scan# 364

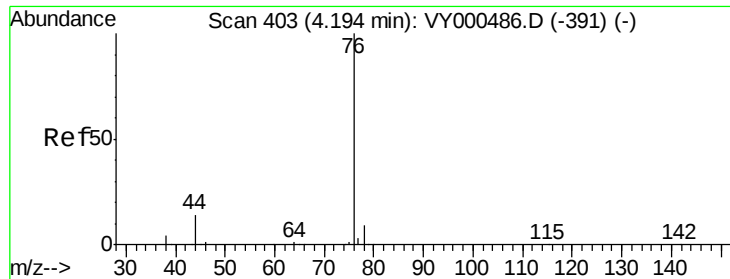
Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion:	43	Resp:	213133
Ion Ratio	Lower	Upper	
43	100		
58	36.4	25.8	38.6





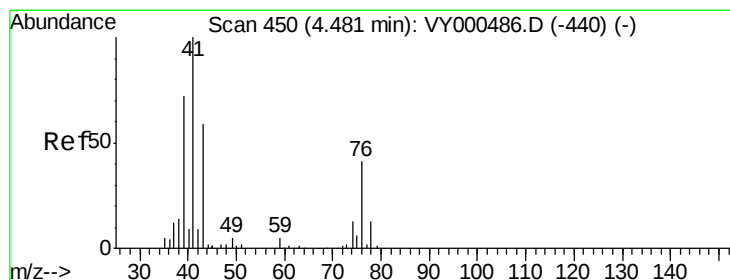
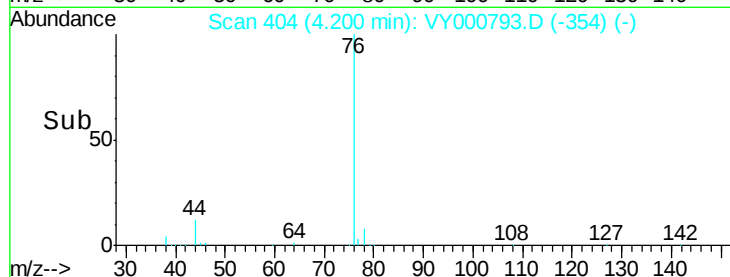
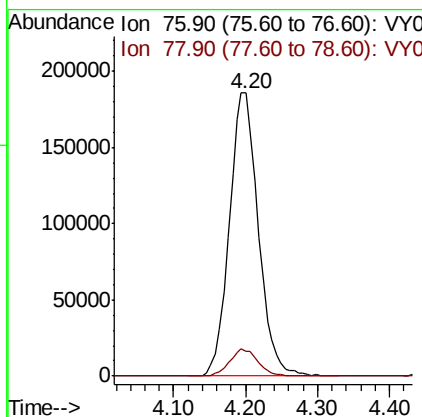
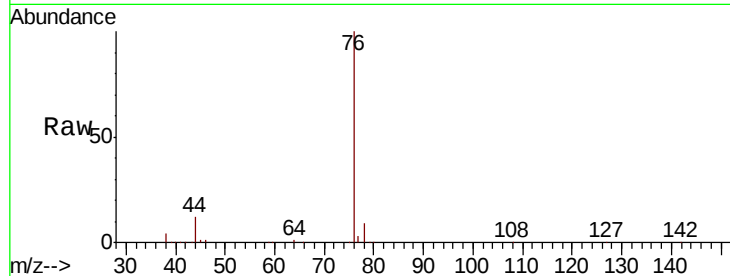
#17
Carbon Disulfide
Concen: 50.001 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.5	11.3

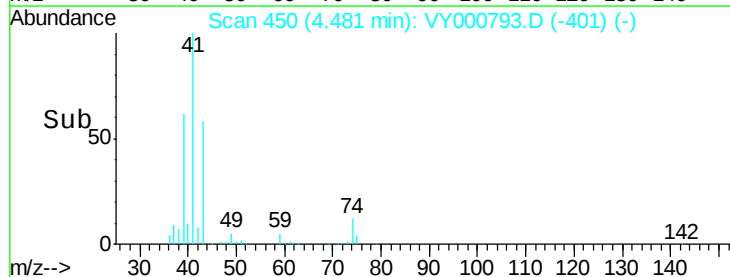
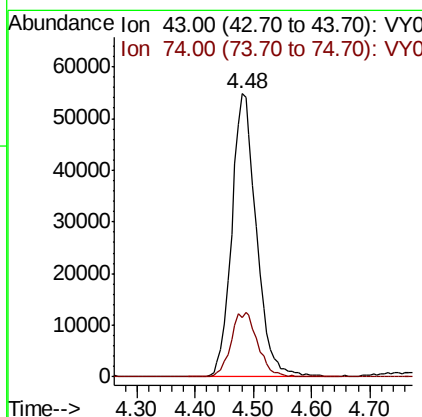
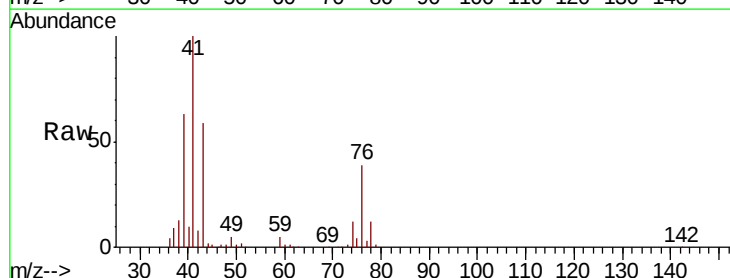
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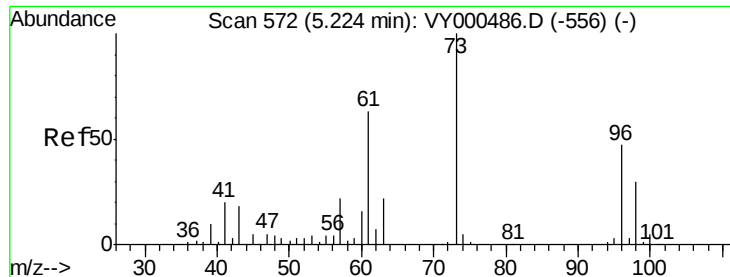
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#18
Methyl Acetate
Concen: 55.272 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.2	28.8





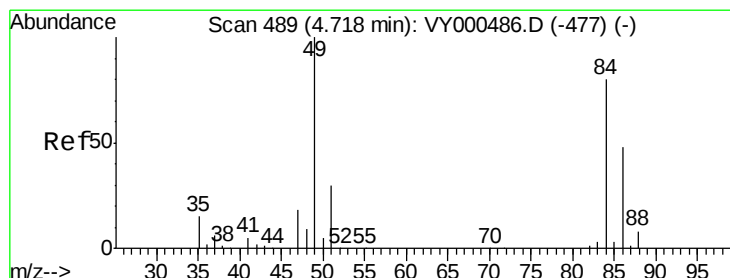
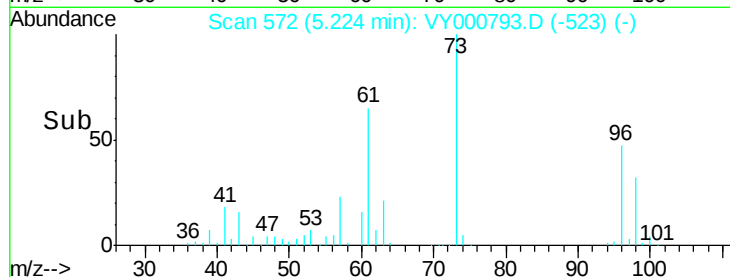
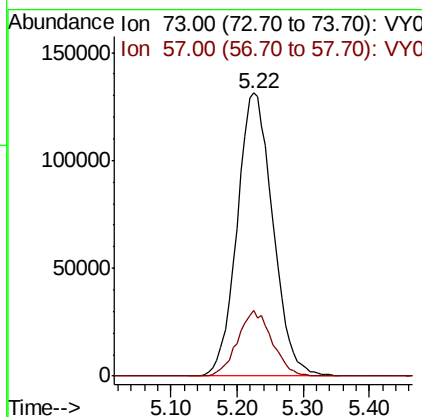
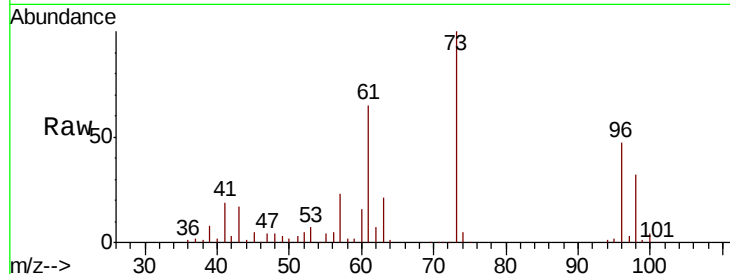
#19
Methvl tert-butvl Ether
Concen: 53.877 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 492369
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.0

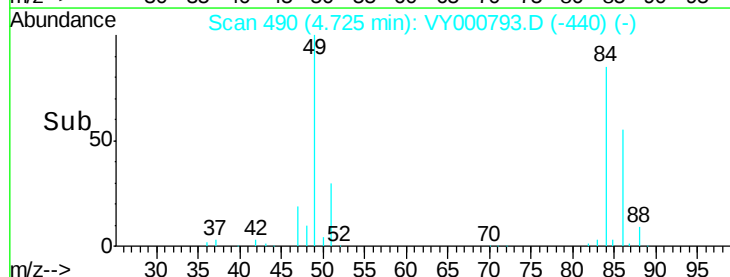
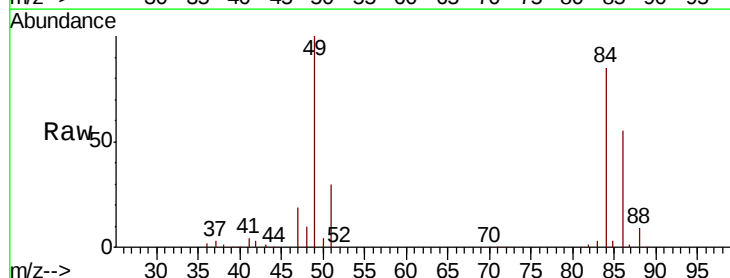
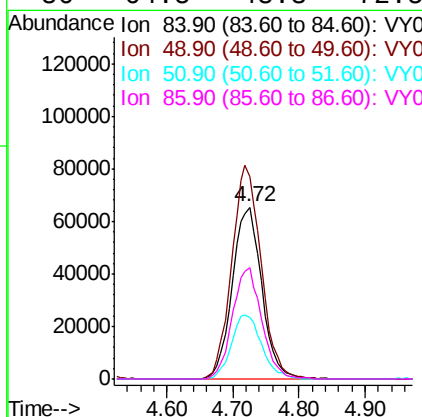
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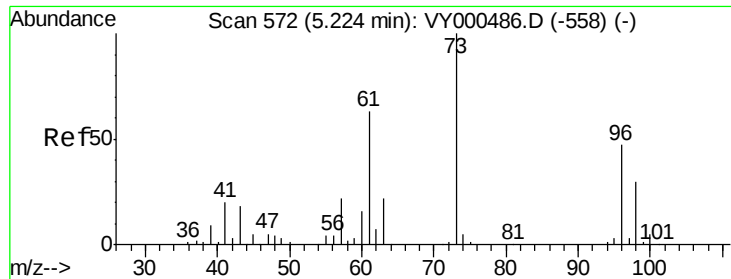
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#20
Methylene Chloride
Concen: 50.382 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 84 Resp: 202612
Ion Ratio Lower Upper
84 100
49 117.5 100.2 150.4
51 35.8 29.6 44.4
86 64.5 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 52.804 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 196215

Ion Ratio Lower Upper

96 100

61 138.5 106.6 160.0

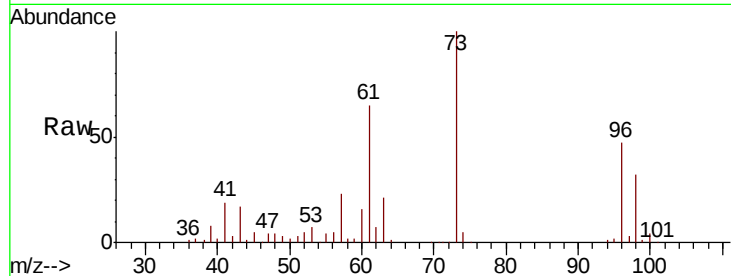
98 66.7 50.6 76.0

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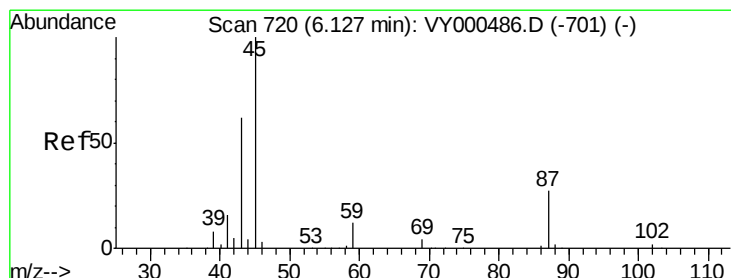
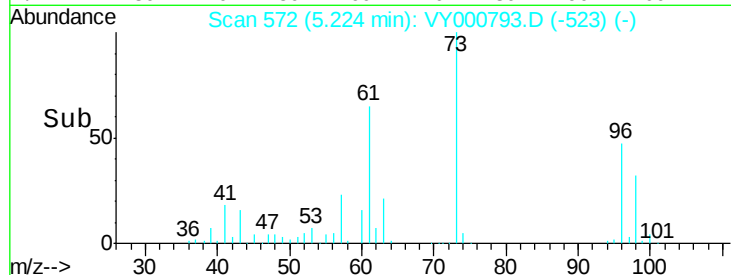
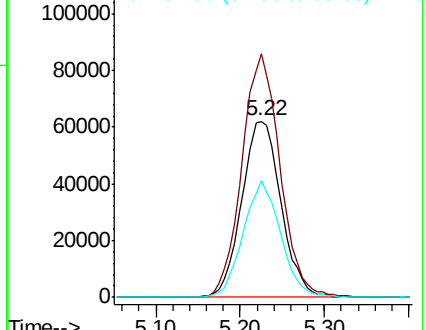


Abundance

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



#22

Diisopropyl ether

Concen: 54.174 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion: 45 Resp: 629330

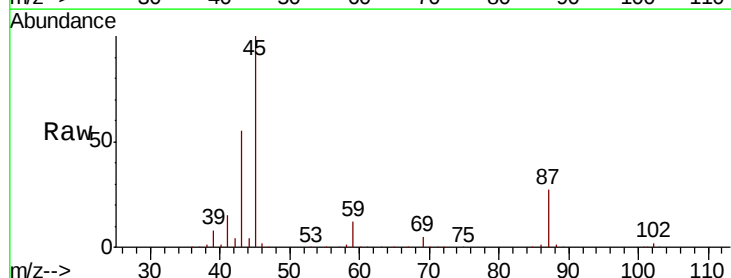
Ion Ratio Lower Upper

45 100

43 54.3 50.0 75.0

87 27.0 21.6 32.4

59 11.9 9.5 14.3



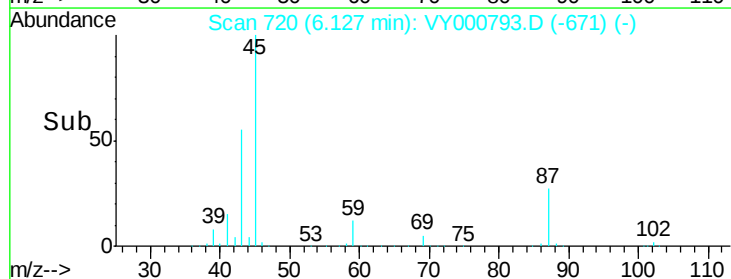
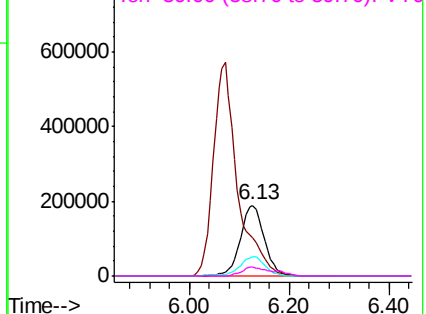
Abundance

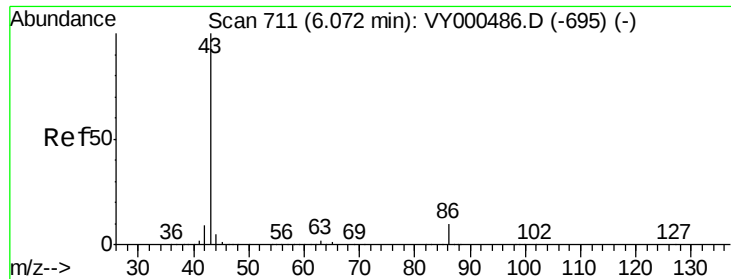
Ion 45.00 (44.70 to 45.70): VY0

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: 260.616 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tot Ion: 43 Resp: 1911127

Ion Ratio Lower Upper

43 100

86 10.9 7.8 11.6

Instrument :

MSVOA_Y

ClientSampleId :

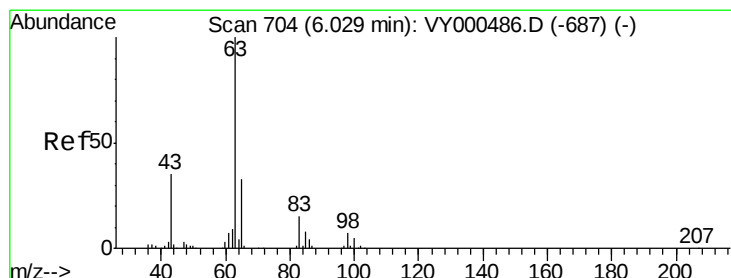
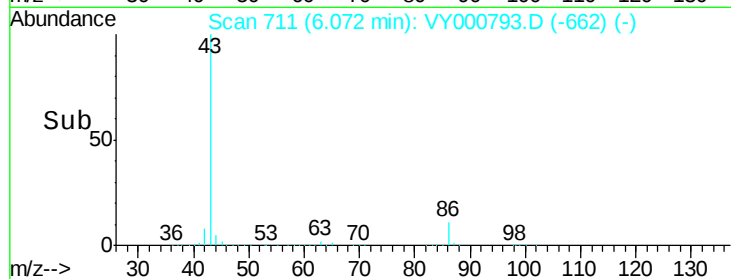
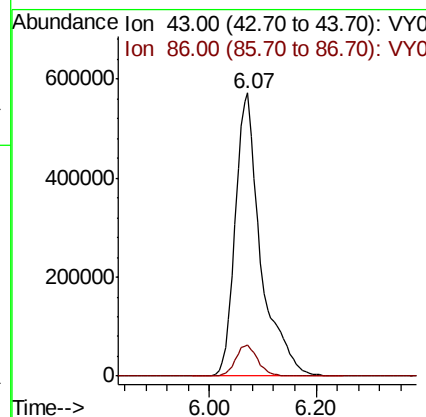
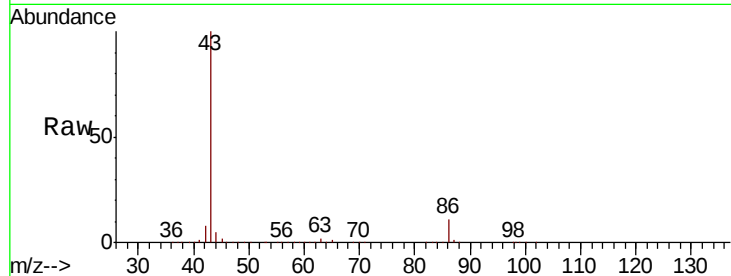
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 55.155 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

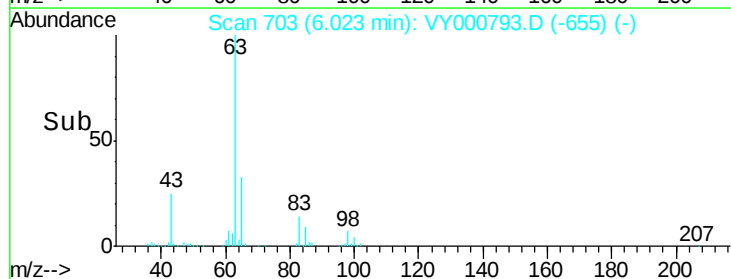
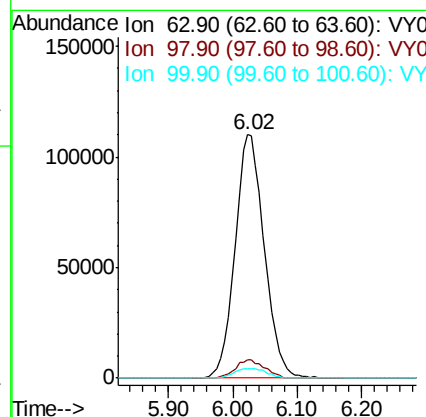
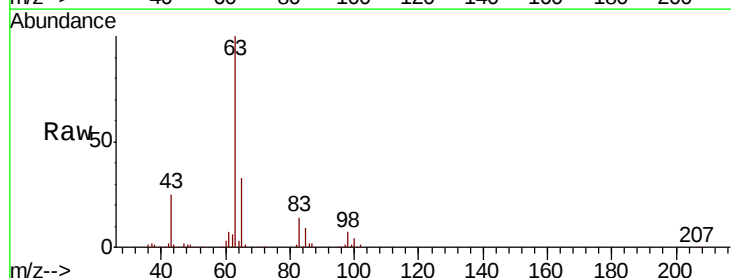
Tgt Ion: 63 Resp: 347108

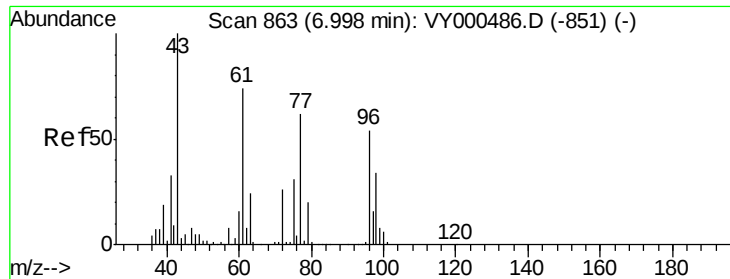
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

100 3.9 2.4 7.1





#25

2-Butanone

Concen: 264.042 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 395489

Ion Ratio Lower Upper

43 100

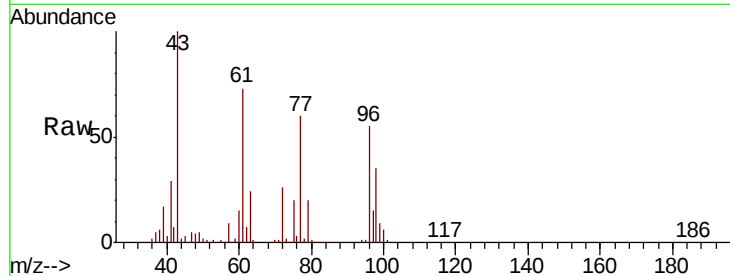
72 26.3 20.9 31.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

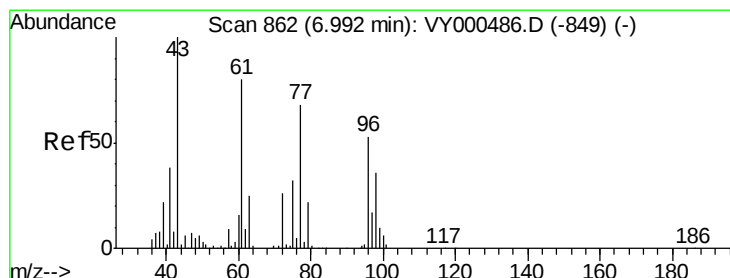
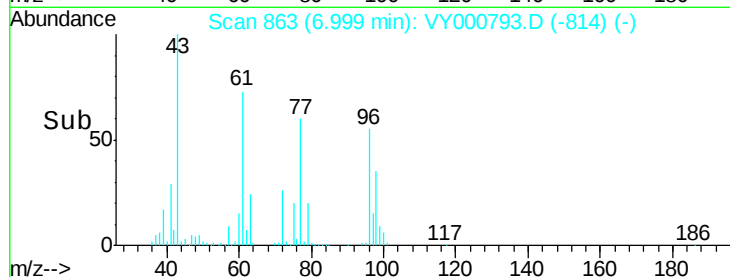
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 51.900 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000793.D

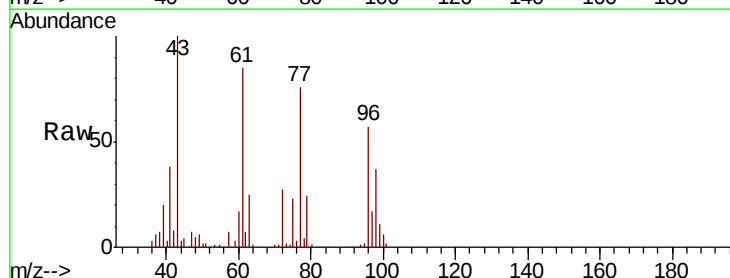
Acq: 26 Nov 2019 10:45

Tgt Ion: 77 Resp: 298488

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

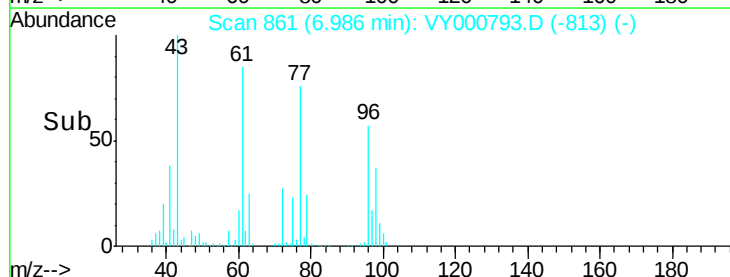
40000

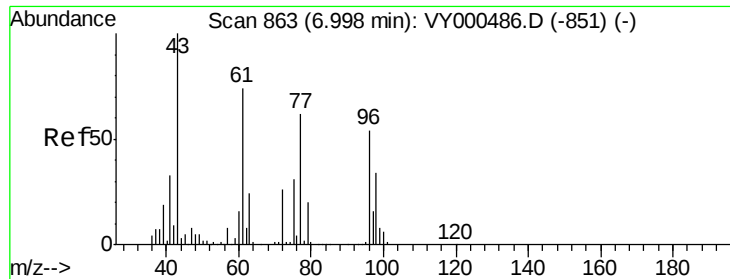
20000

0

6.80 6.90 7.00 7.10

Time-->





#27

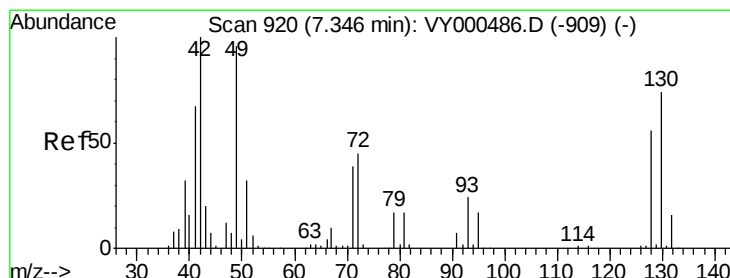
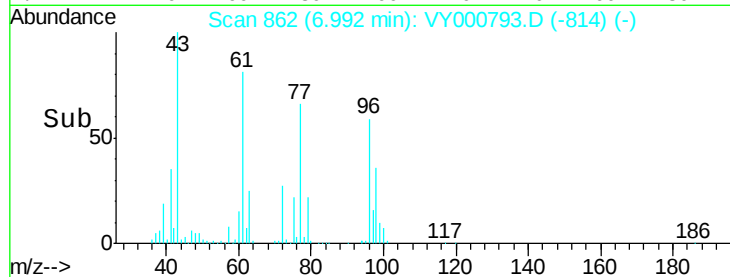
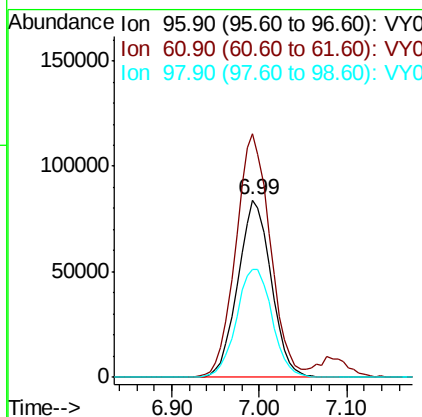
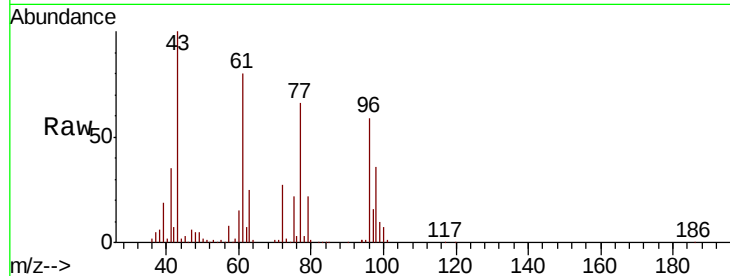
cis-1,2-Dichloroethene
Concen: 54.760 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	222500		
61	142.0	0.0	287.0	
98	65.2	0.0	129.4	

Manual Integrations
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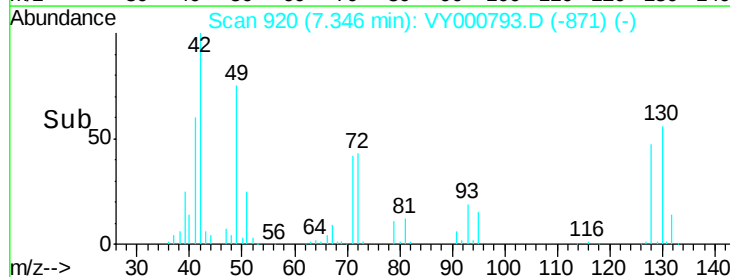
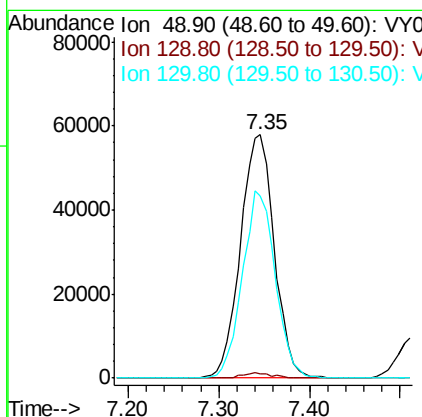
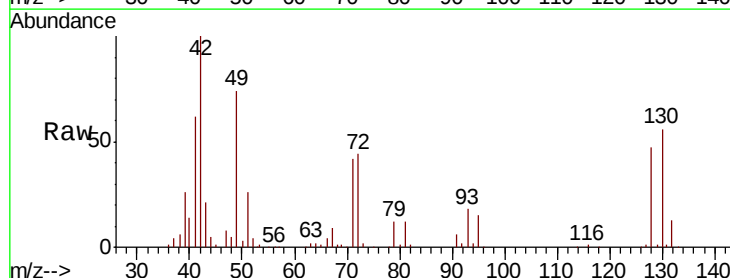
apatel
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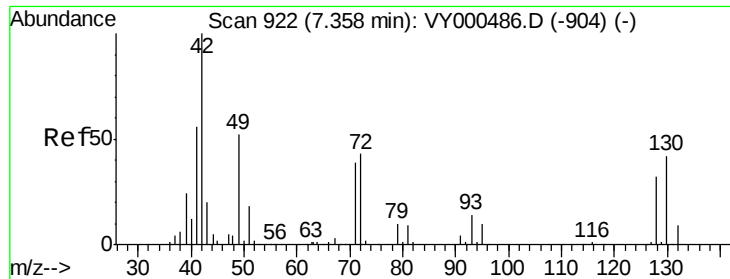


#28

Bromochloromethane
Concen: 51.858 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	149315		
129	1.8	0.0	3.6	
130	74.8	59.4	89.0	





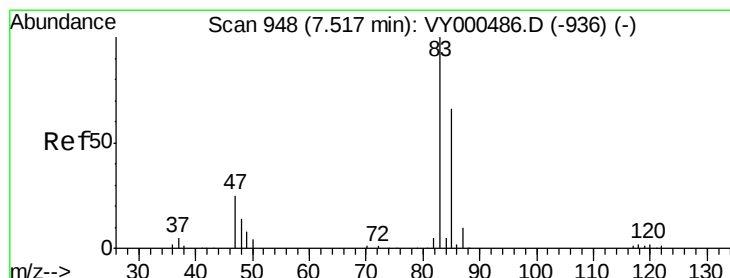
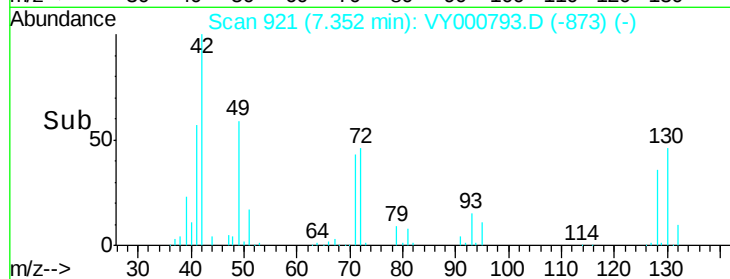
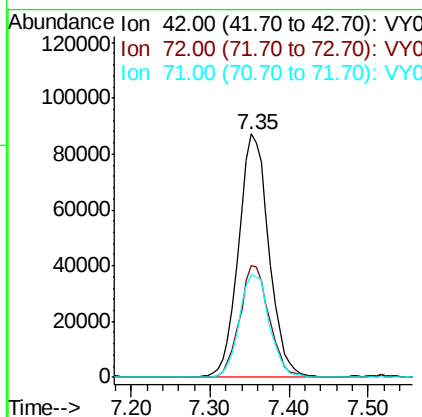
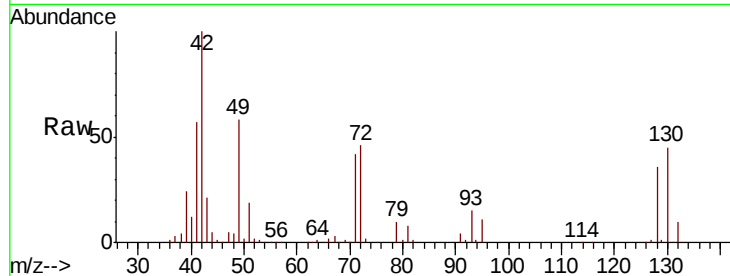
#29
Tetrahydrofuran
Concen: 256.188 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.0	51.0
71	42.1	30.8	46.2

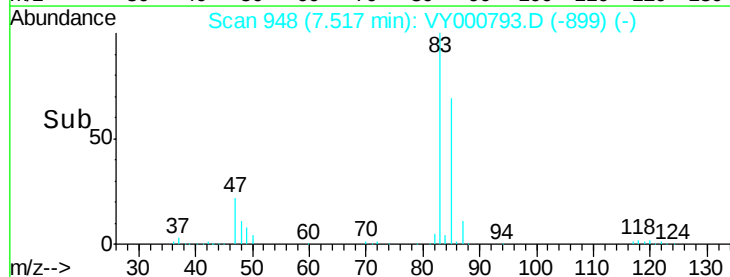
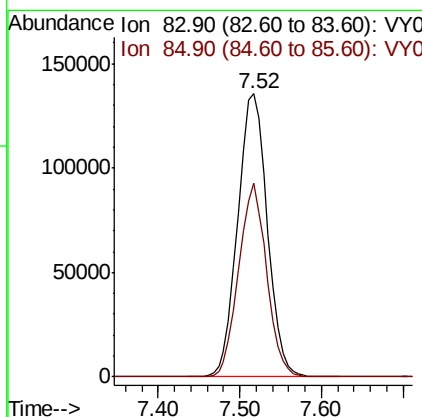
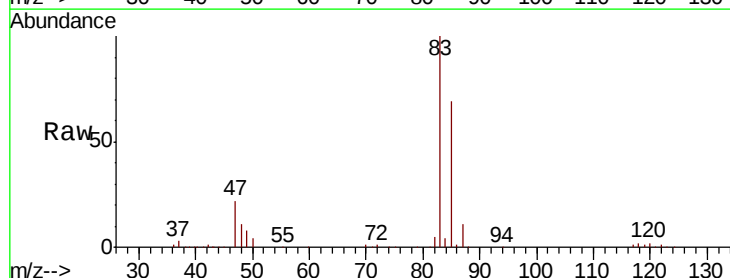
Manual Integrations
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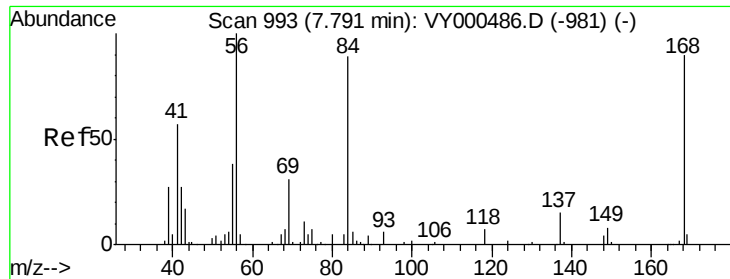
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#30
Chloroform
Concen: 53.604 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	53.0	79.4





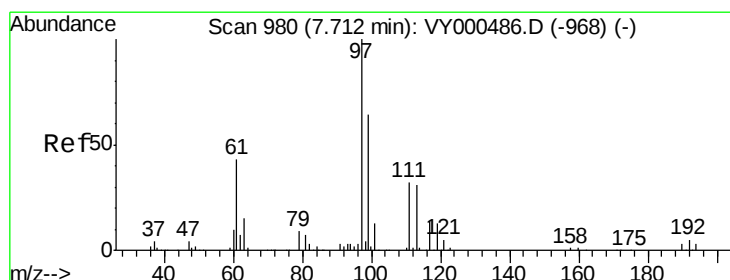
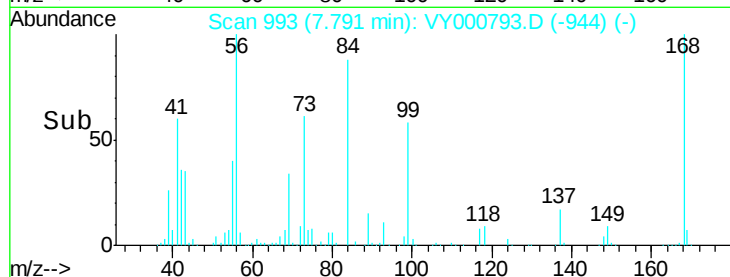
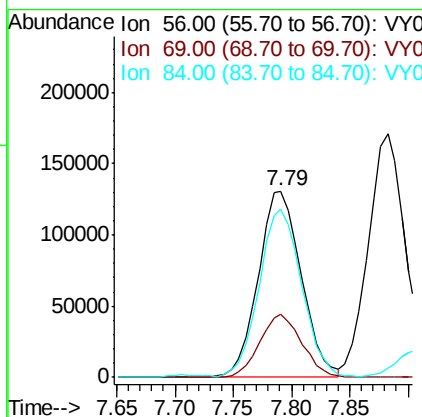
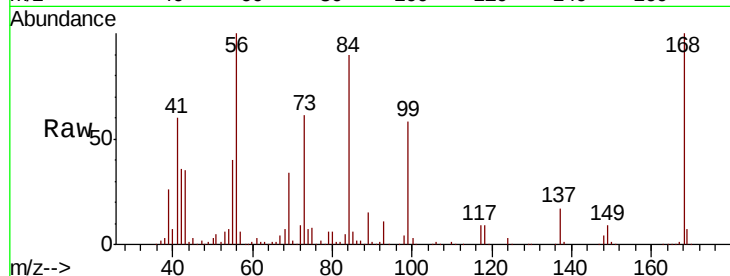
#31
Cyclohexane
Concen: 50.940 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	25.0	37.6
84	88.9	71.4	107.2

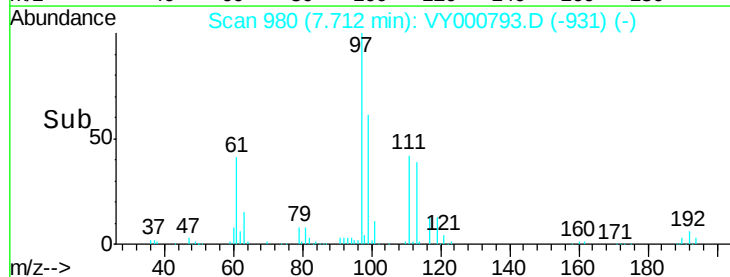
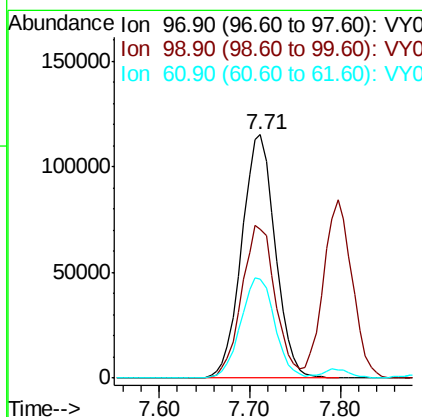
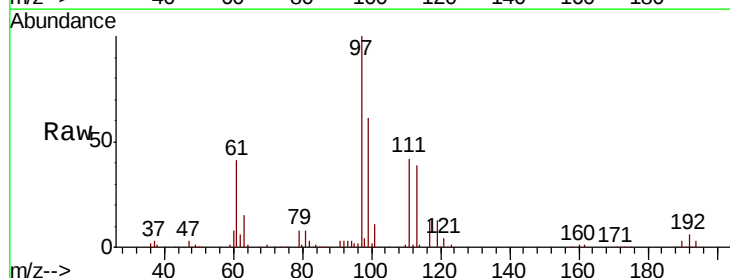
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 51.959 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	50.9	76.3
61	41.9	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 50.677 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 172568

Ion Ratio Lower Upper

65 100

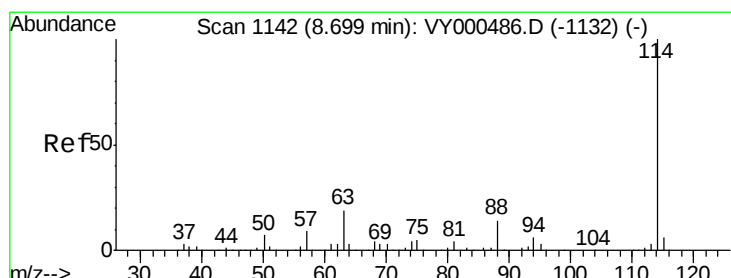
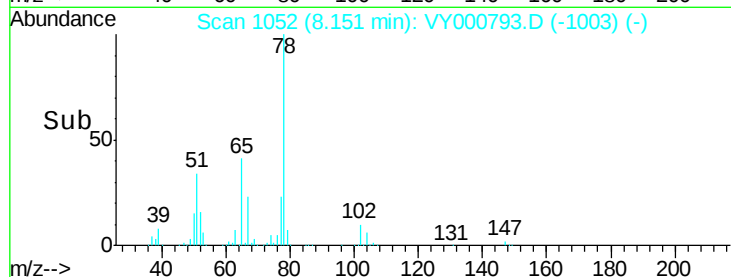
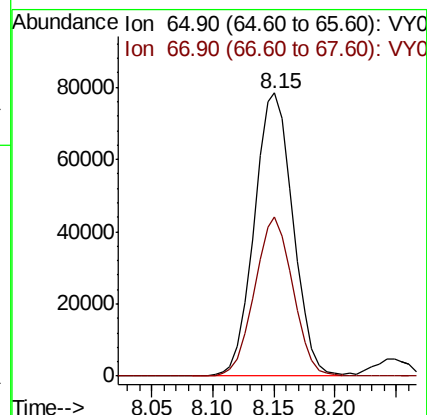
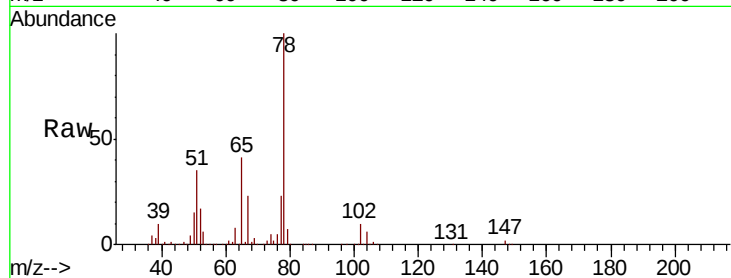
67 55.7 0.0 107.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

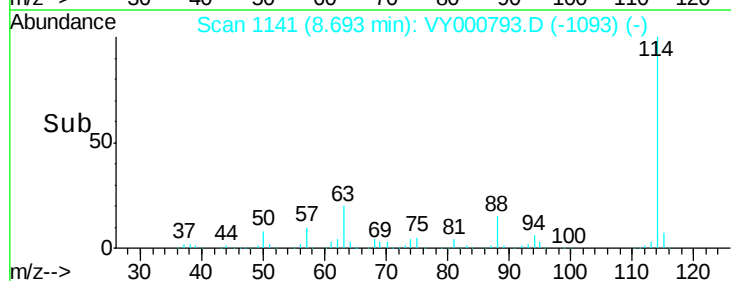
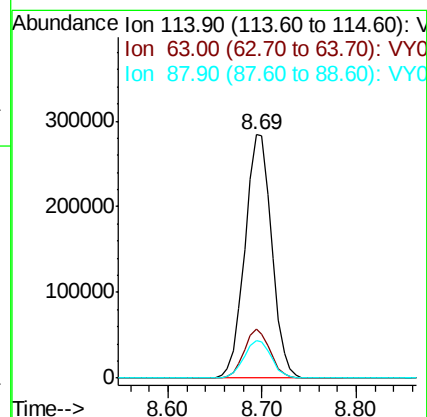
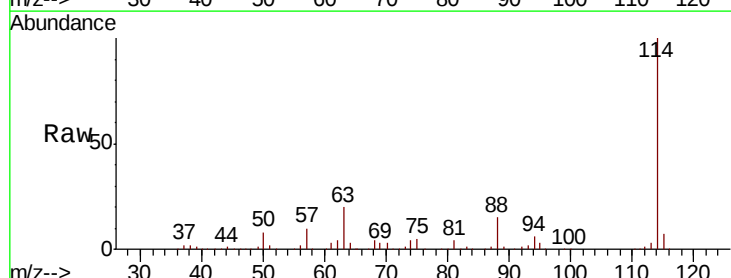
Tgt Ion: 114 Resp: 565716

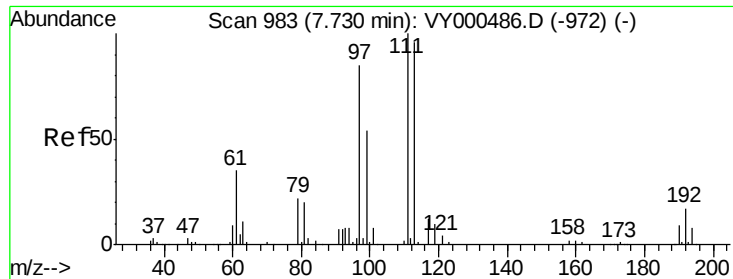
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.3 0.0 28.6





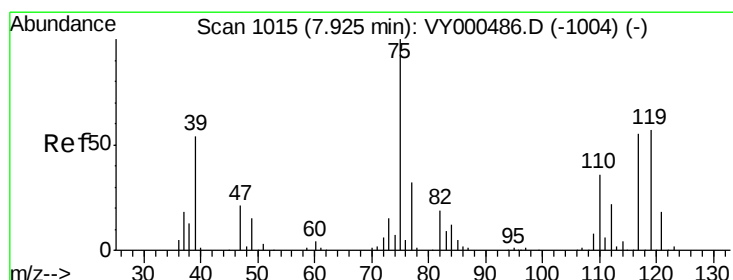
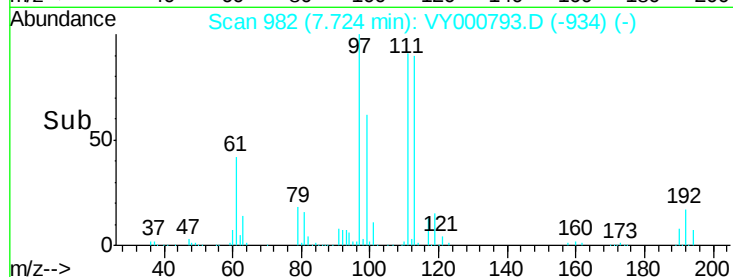
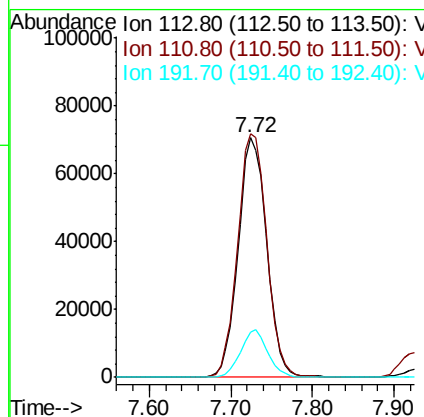
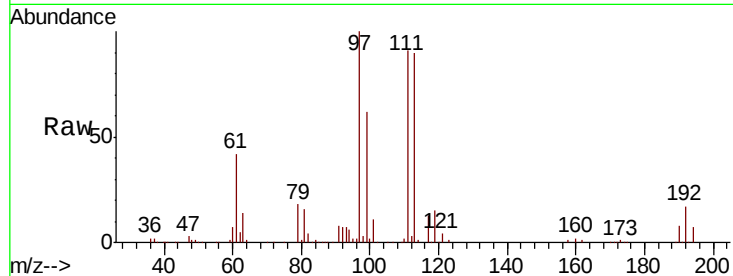
#35
Dibromofluoromethane
Concen: 51.331 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.9	81.7	122.5	
192	18.7	15.0	22.4	

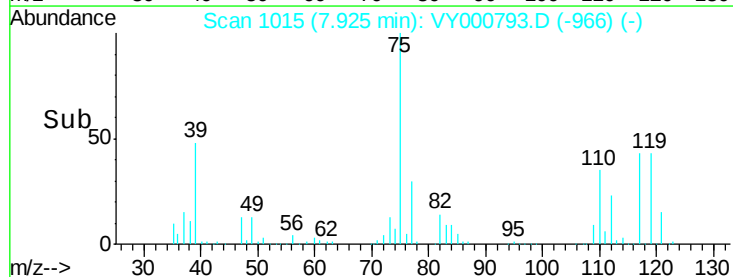
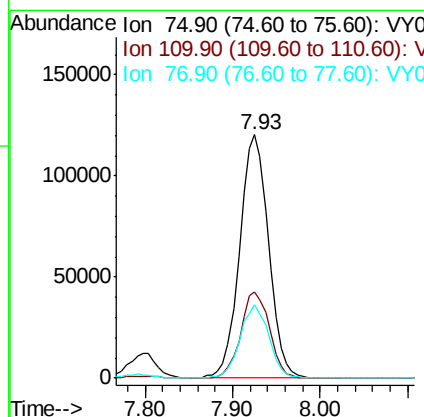
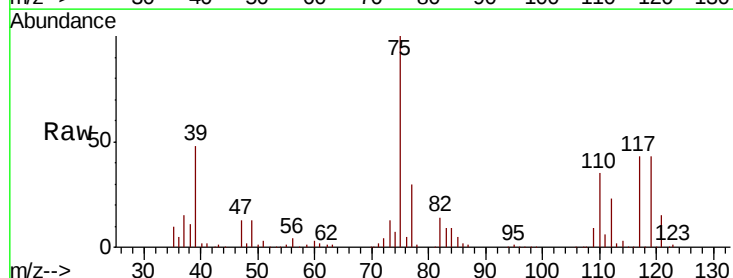
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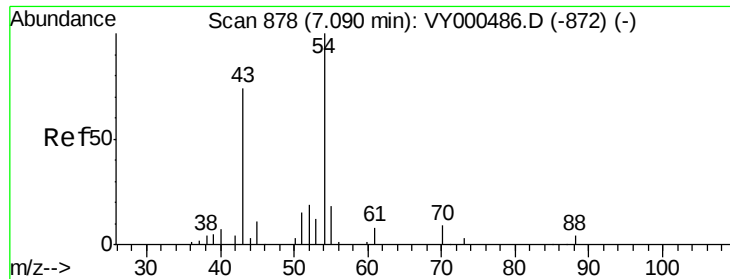
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#36
1,1-Dichloropropene
Concen: 51.759 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.1	18.1	54.1	
77	30.0	25.0	37.6	





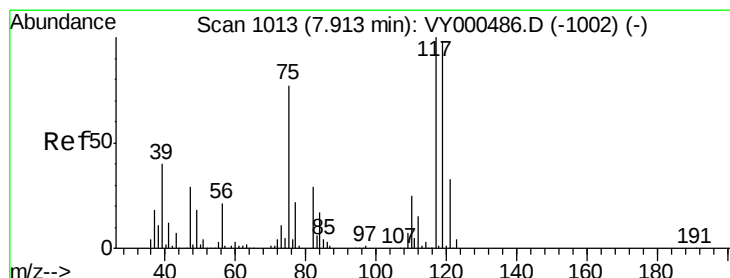
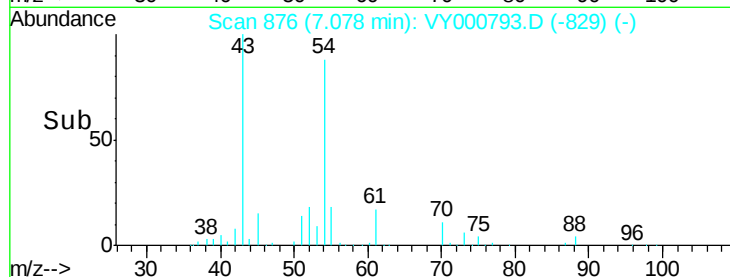
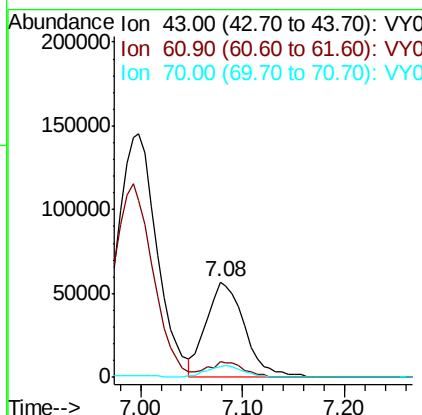
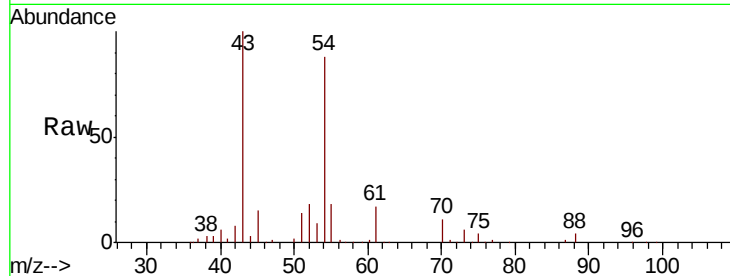
#37
Ethyl Acetate
Concen: 46.817 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	10.2	15.2#
70	12.0	7.8	11.8#

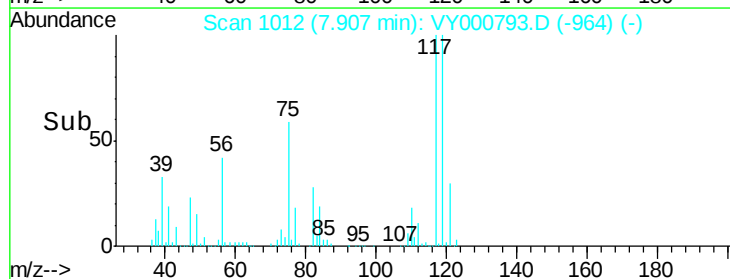
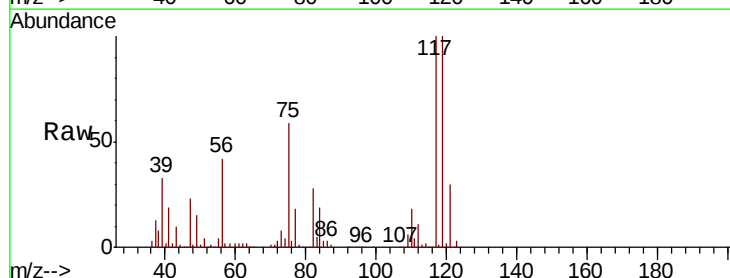
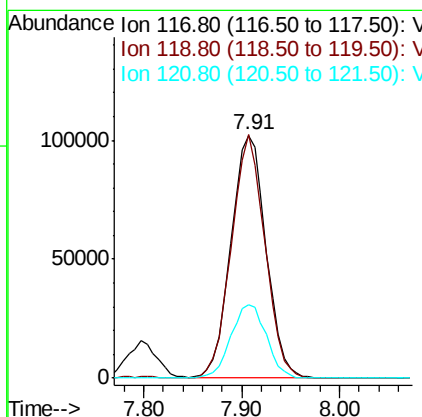
Manual Integrations
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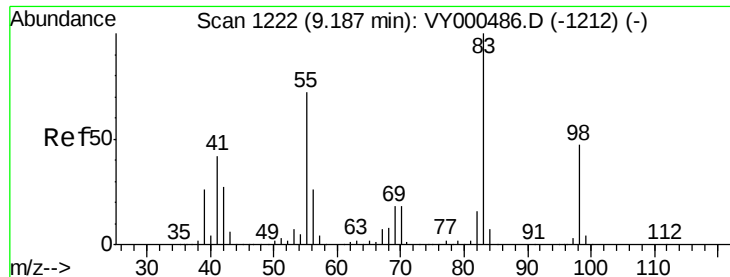
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#38
Carbon Tetrachloride
Concen: 49.274 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	78.0	117.0
121	30.0	26.6	40.0





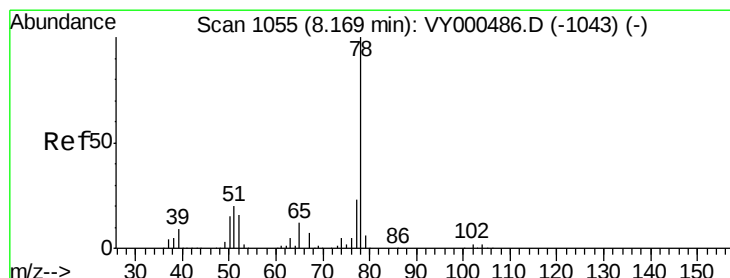
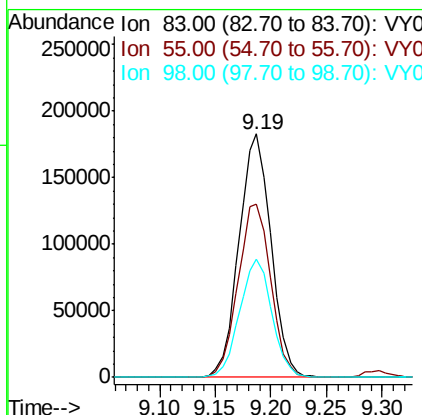
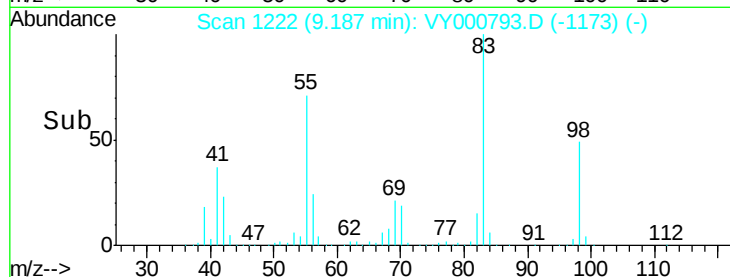
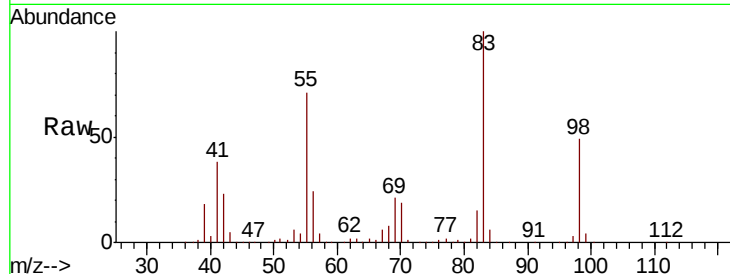
#39
Methvlcvclohexane
Concen: 52.787 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.2	57.5	86.3
98	48.6	38.0	57.0

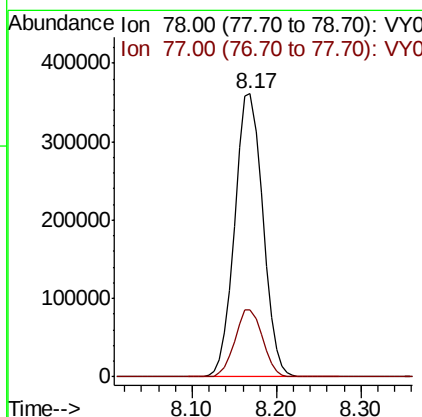
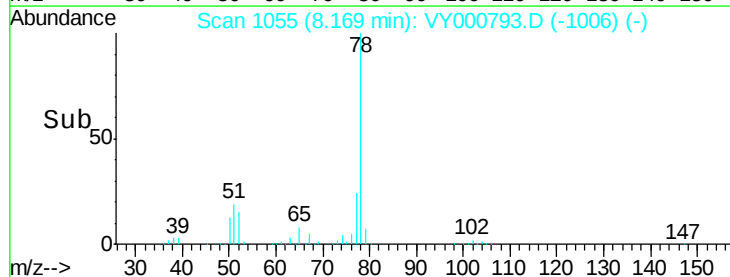
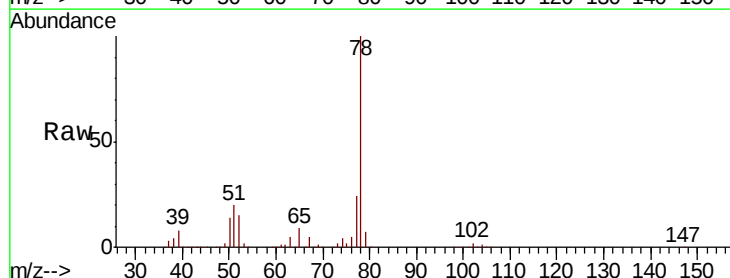
Manual Integrations
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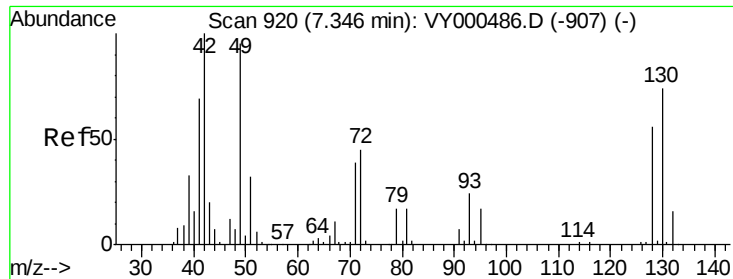
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#40
Benzene
Concen: 51.930 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





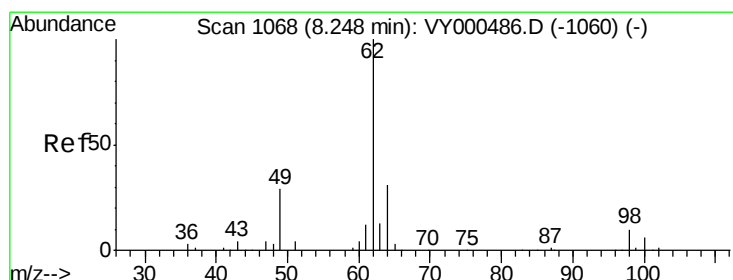
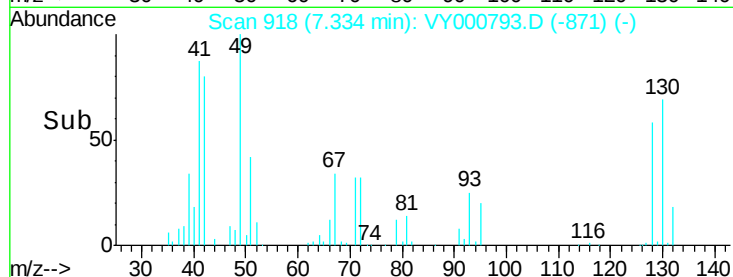
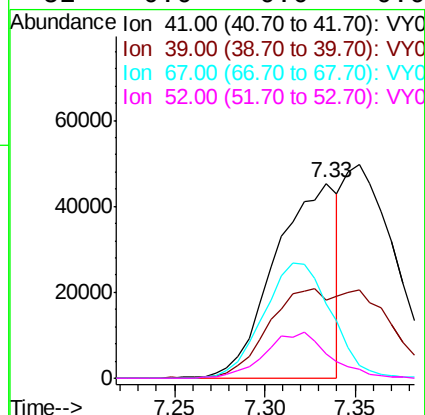
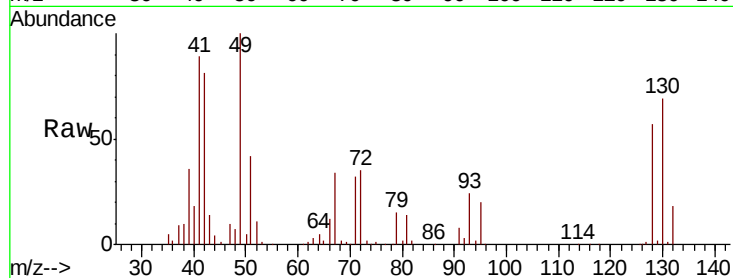
#41
Methacrylonitrile
Concen: 62.233 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	110232
Ion Ratio	Lower	Upper	
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

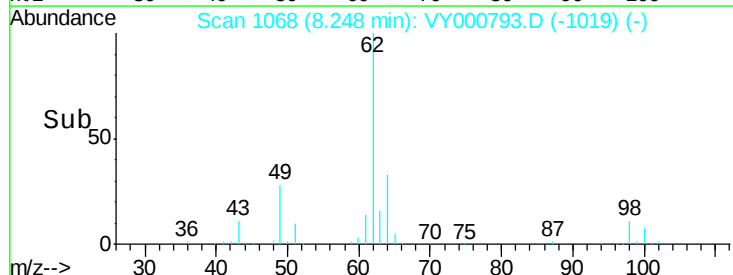
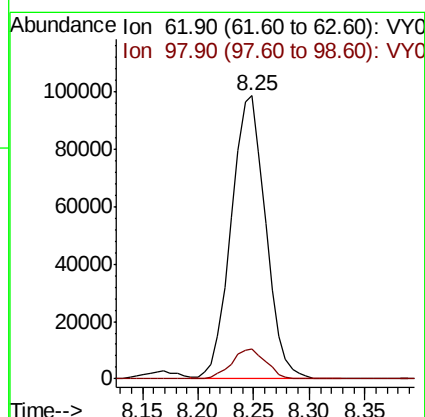
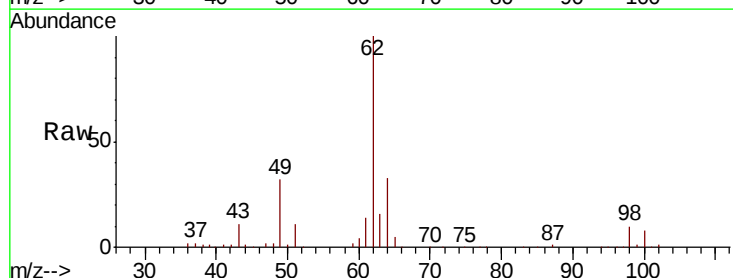
Manual Integrations
APPROVED

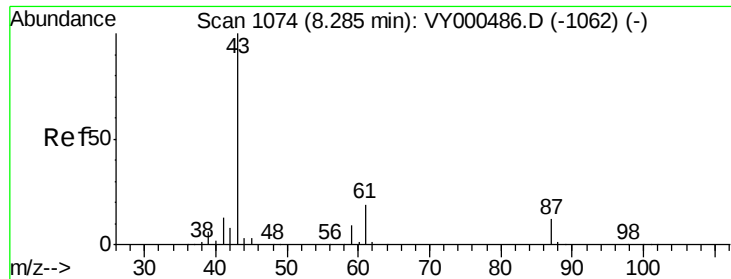
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#42
1,2-Dichloroethane
Concen: 47.549 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	62	Resp	211451
Ion Ratio	Lower	Upper	
62	100		
98	10.6	0.0	19.2





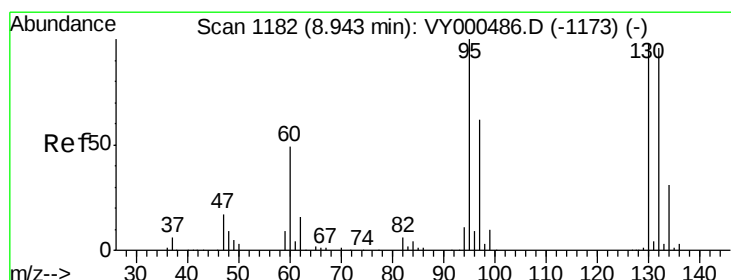
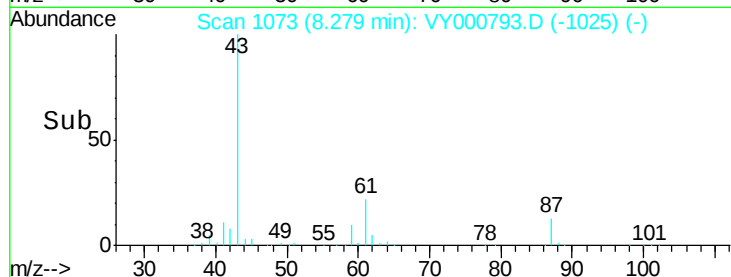
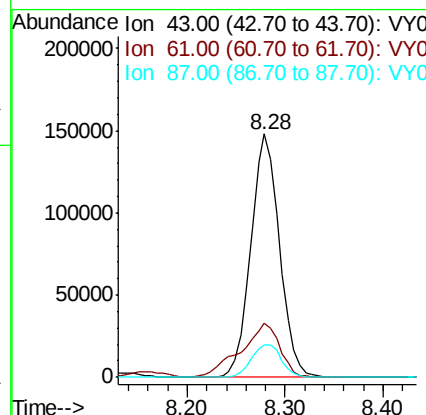
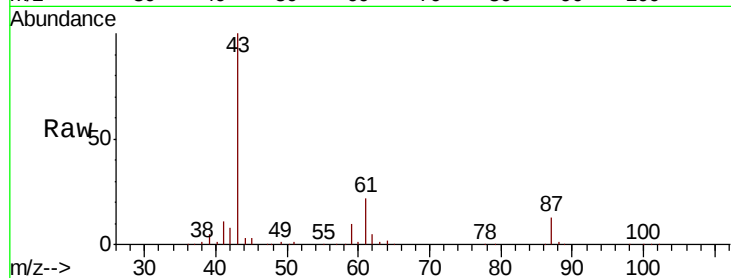
#43
Isopropyl Acetate
Concen: 50.330 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.4	23.0	34.4
87	14.2	10.5	15.7

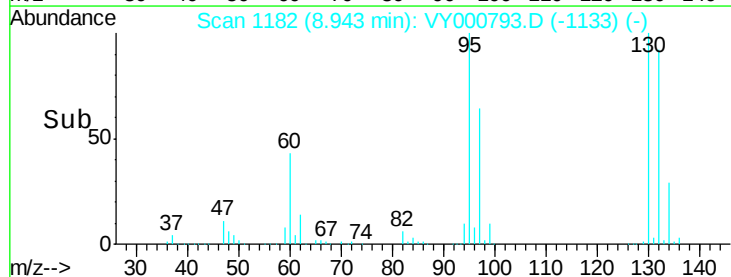
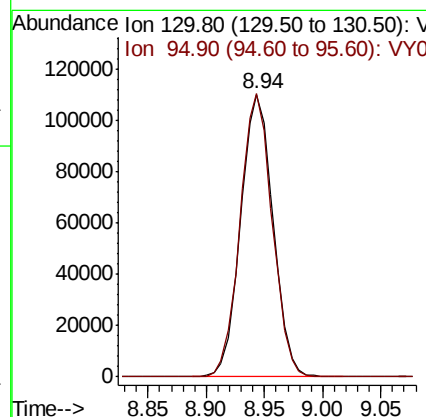
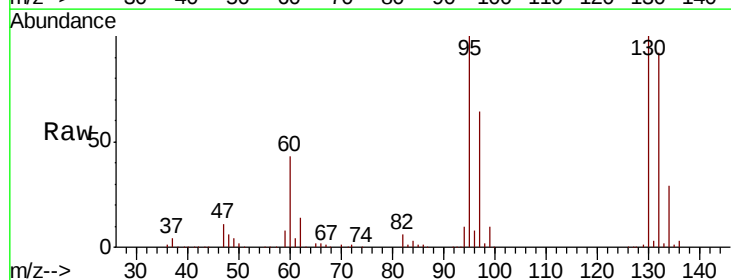
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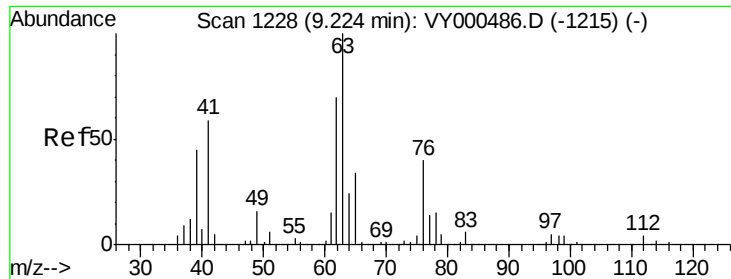
apatel
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#44
Trichloroethene
Concen: 51.604 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	203.2





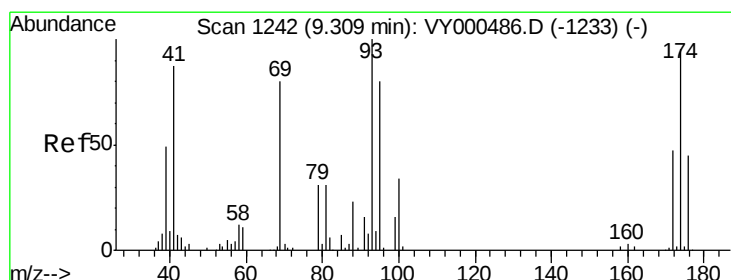
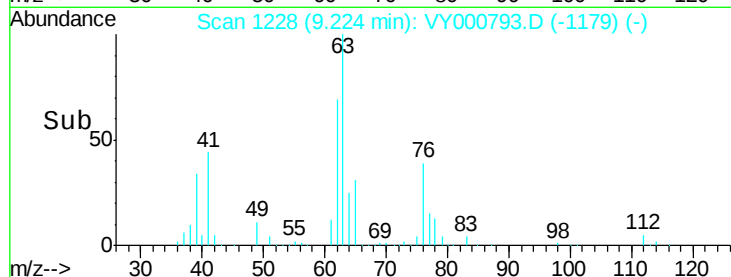
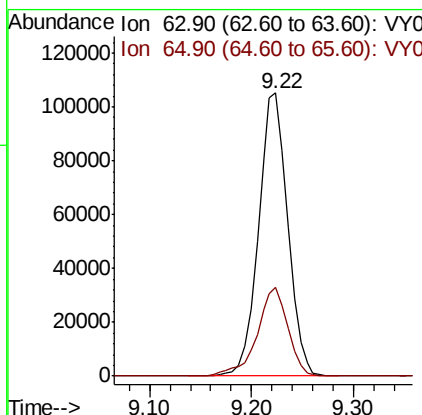
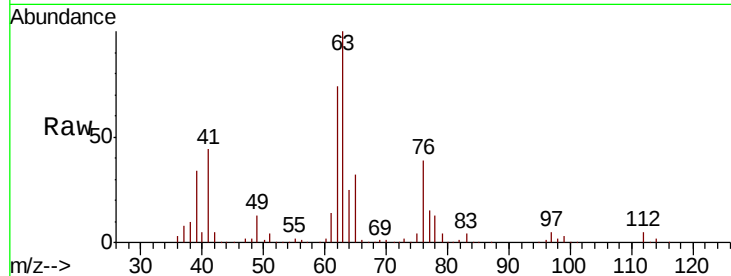
#45
 1,2-Dichloropropane
 Concen: 54.216 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 209216
 Ion Ratio Lower Upper
 63 100
 65 31.5 27.0 40.4

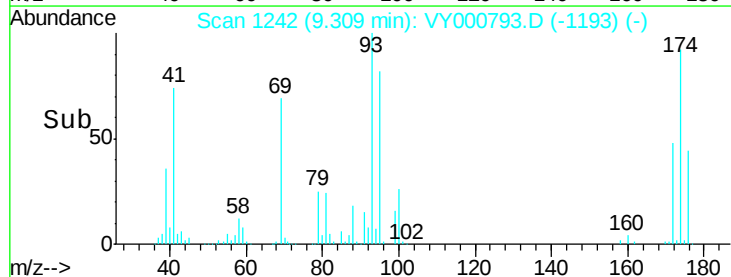
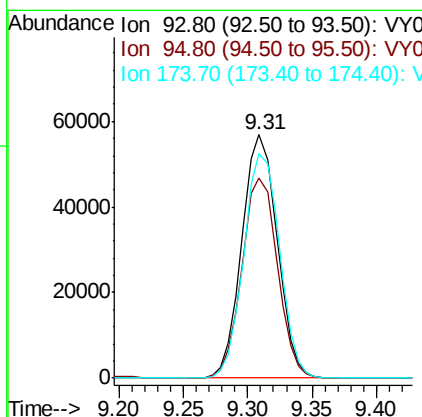
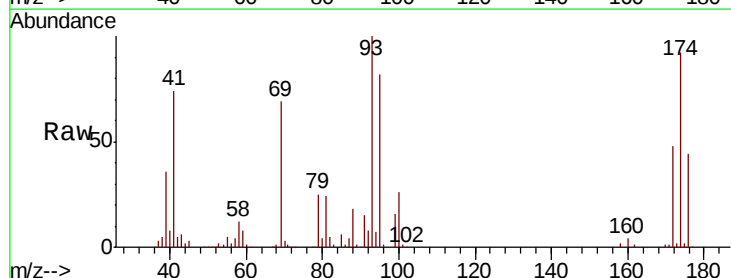
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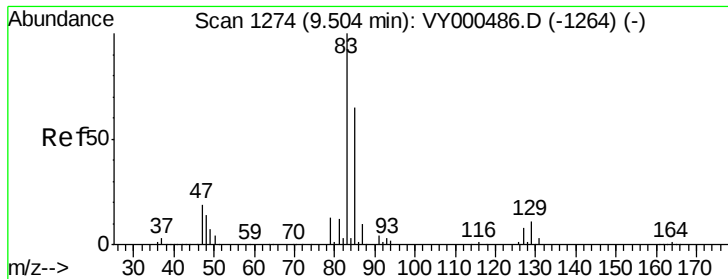
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#46
 Dibromomethane
 Concen: 51.086 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion: 93 Resp: 108417
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 93.5 77.1 115.7





#47

Bromodichloromethane

Concen: 51.628 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

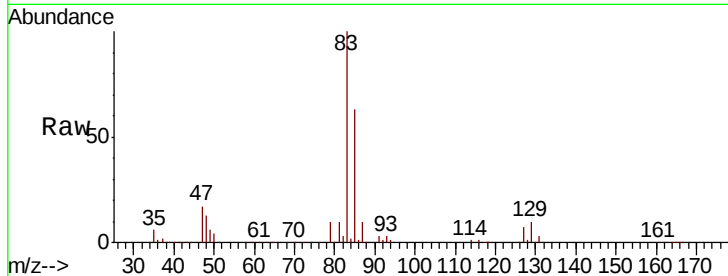
ClientSampleId :

VSTDCCC050

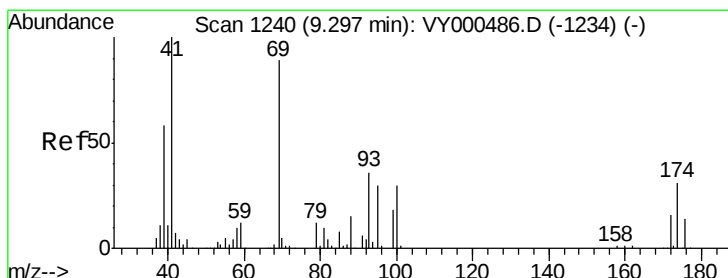
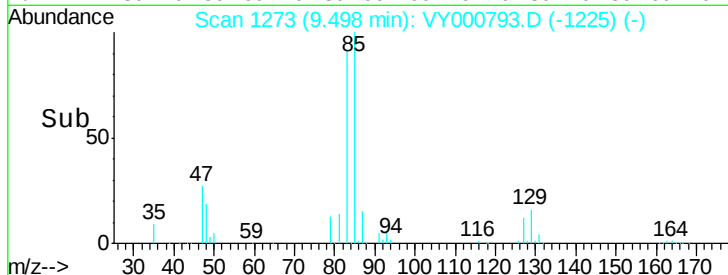
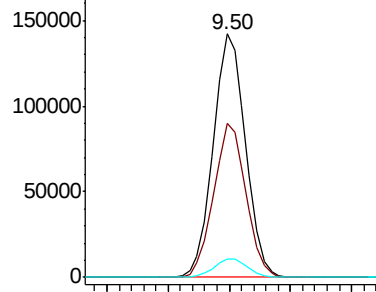
Tot Ion:	83	Resp:	259982
Ion Ratio	Lower	Upper	
83	100		
85	63.0	51.8	77.8
127	7.5	6.7	10.1

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.952 ug/l

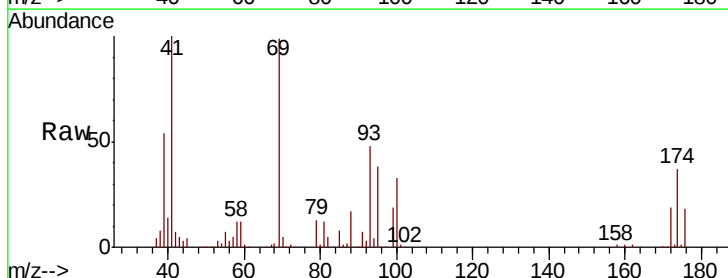
RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

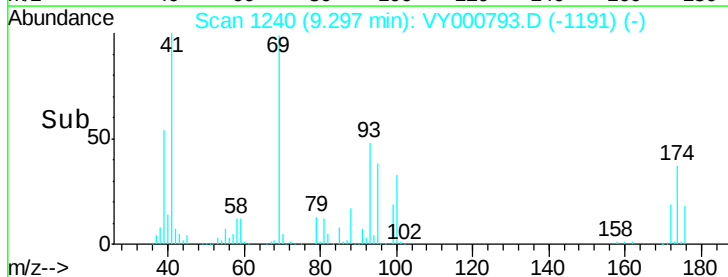
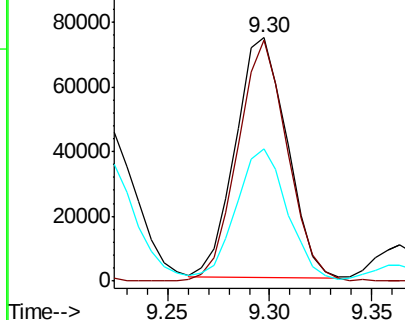
Lab File: VY000793.D

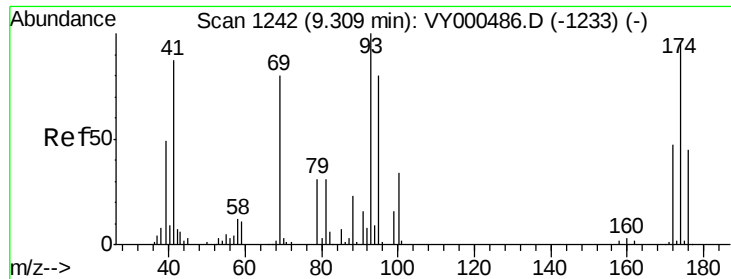
Acq: 26 Nov 2019 10:45

Tgt Ion:	41	Resp:	130177
Ion Ratio	Lower	Upper	
41	100		
69	96.8	72.5	108.7
39	55.2	47.8	71.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





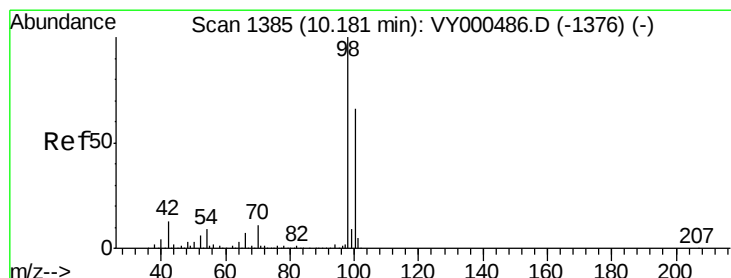
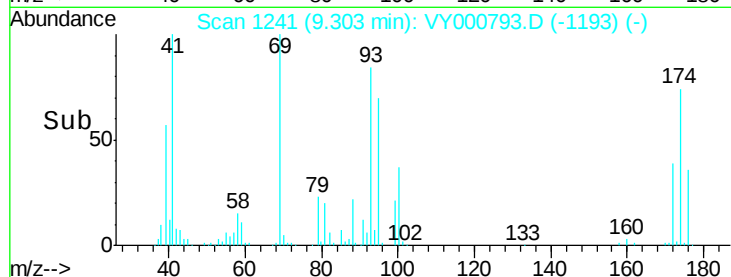
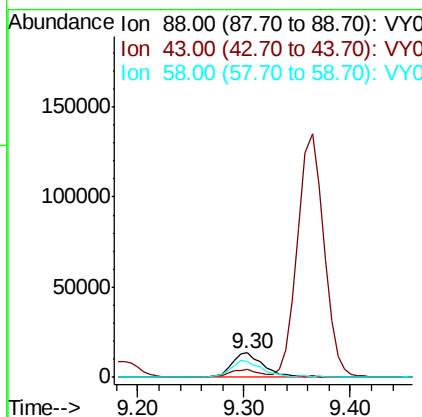
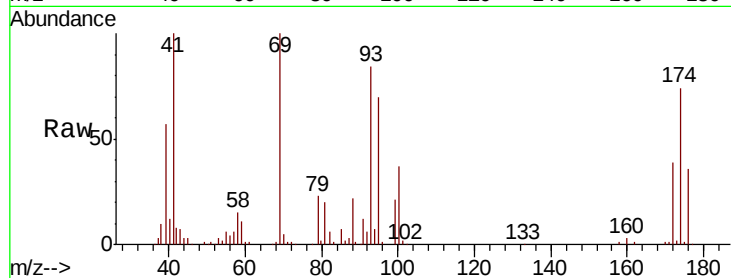
#49
1,4-Dioxane
Concen: 1021.411 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	25.1	37.7
58	67.1	50.6	75.8

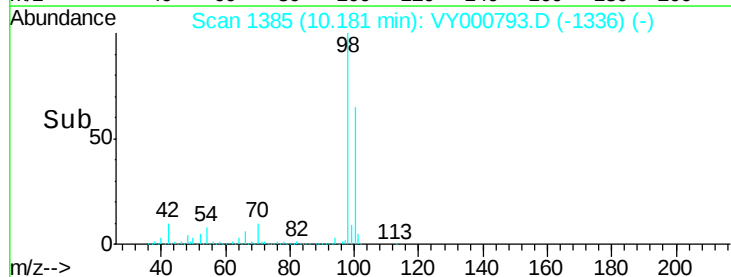
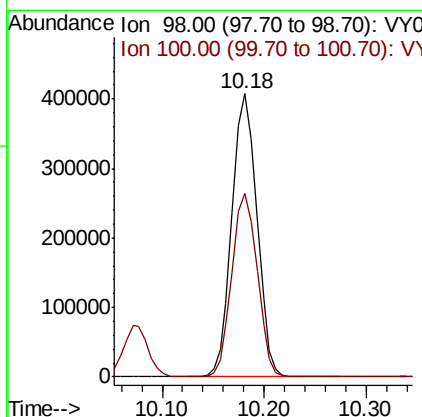
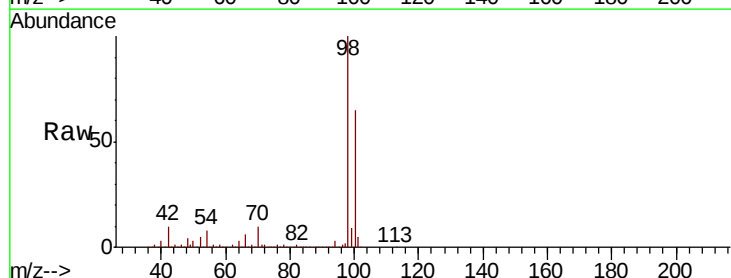
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#50
Toluene-d8
Concen: 54.902 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





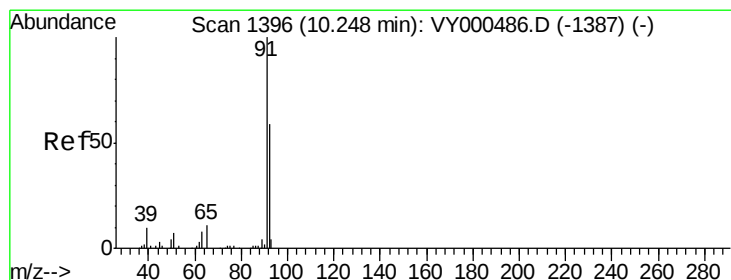
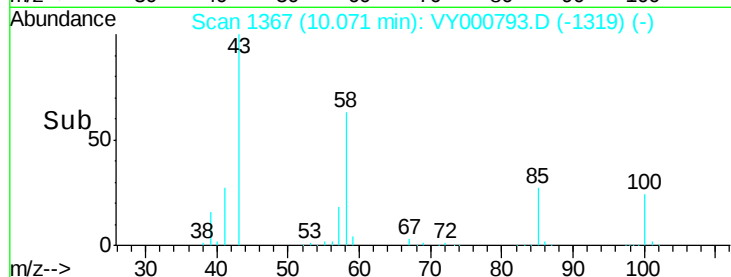
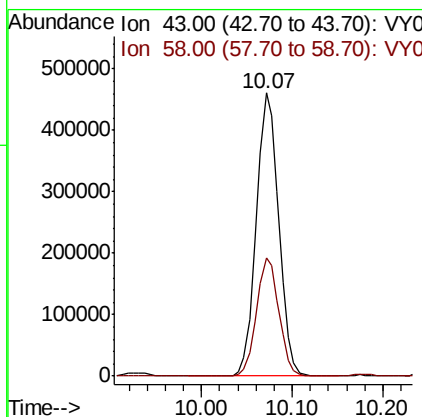
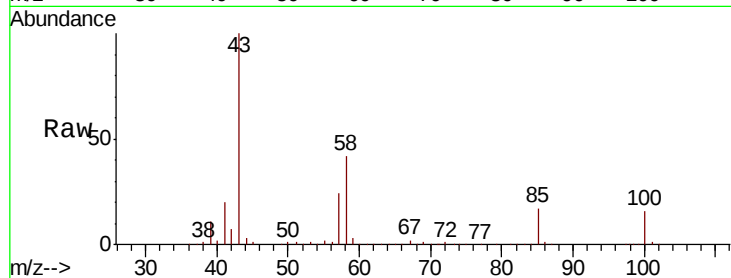
#51
4-Methyl-2-Pentanone
Concen: 248.416 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.5	30.2	45.4

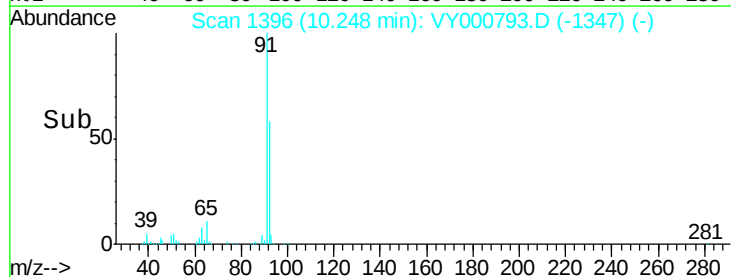
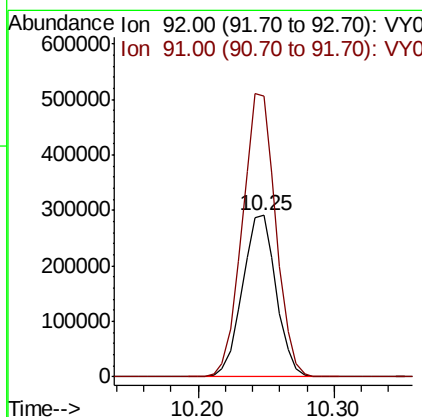
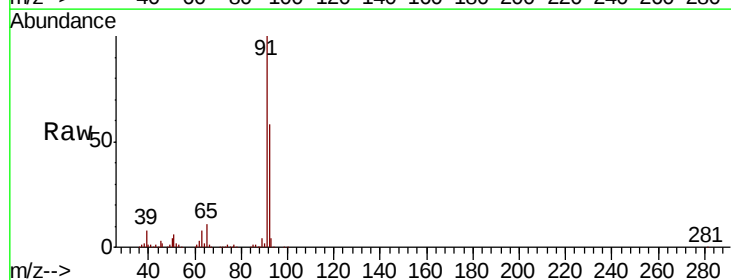
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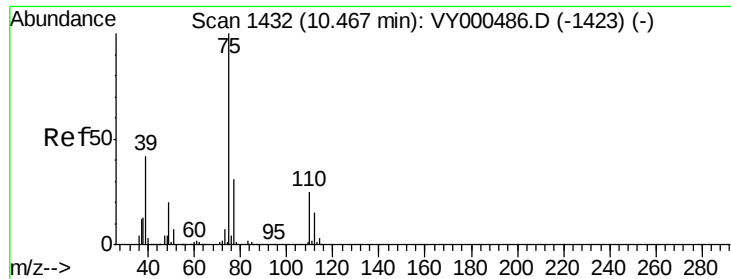
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#52
Toluene
Concen: 50.813 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.6	136.3	204.5





#53

t-1,3-Dichloropropene

Concen: 52.764 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 283906

Ion Ratio Lower Upper

75 100

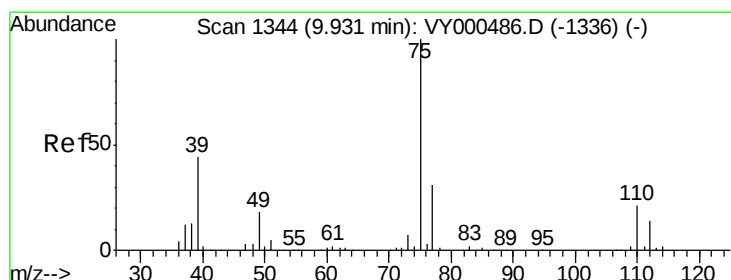
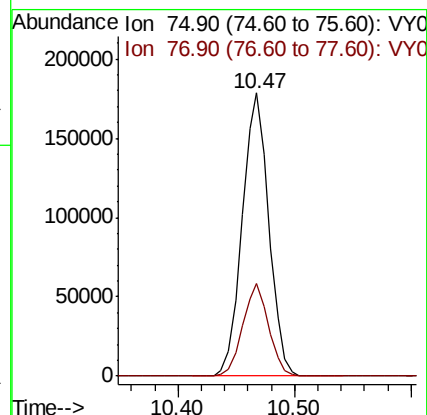
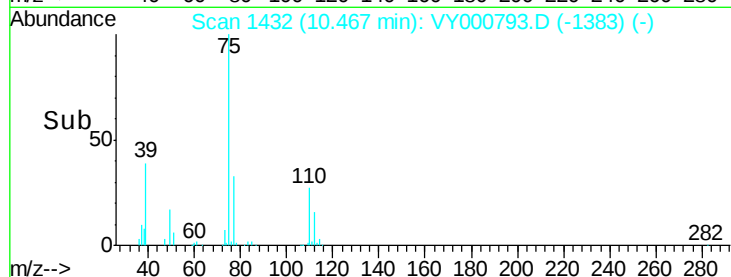
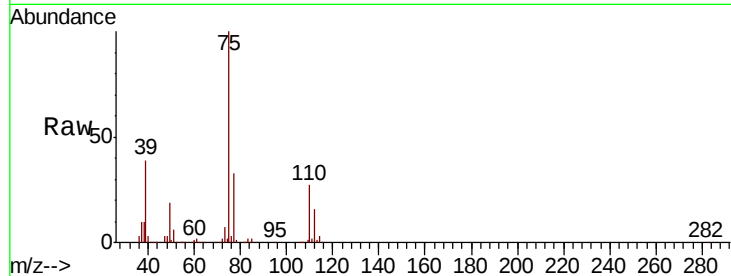
77 32.6 24.6 37.0

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#54

cis-1,3-Dichloropropene

Concen: 54.457 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

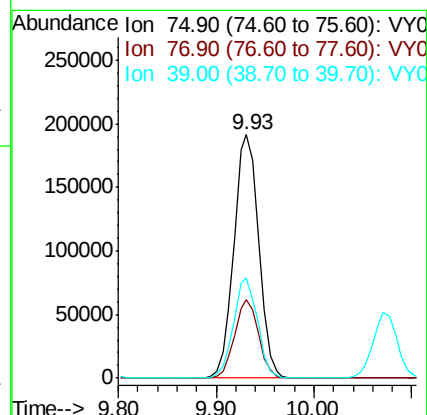
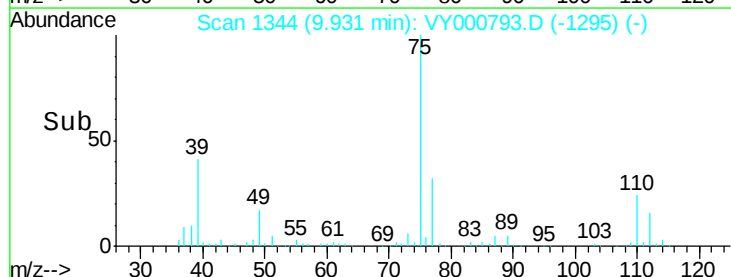
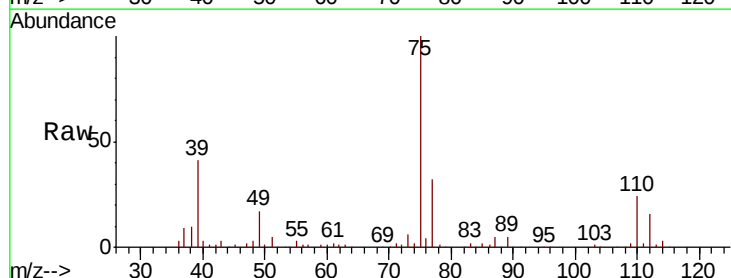
Tgt Ion: 75 Resp: 335674

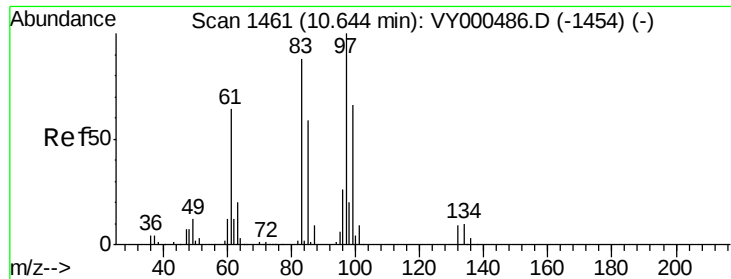
Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 41.1 35.4 53.2





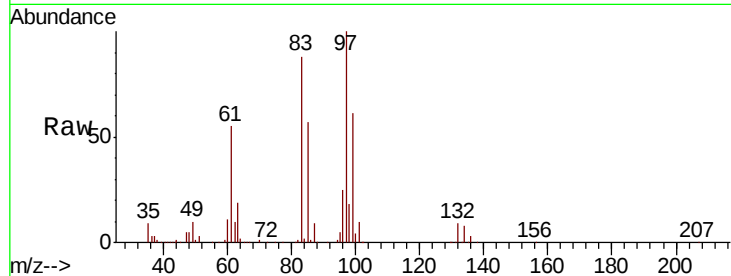
#55
 1,1,2-Trichloroethane
 Concen: 52.419 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	160905		
83	88.4	70.2	105.4	
85	56.9	46.9	70.3	
99	61.1	52.6	78.8	

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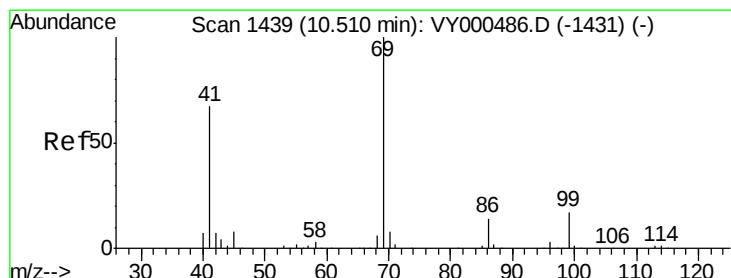
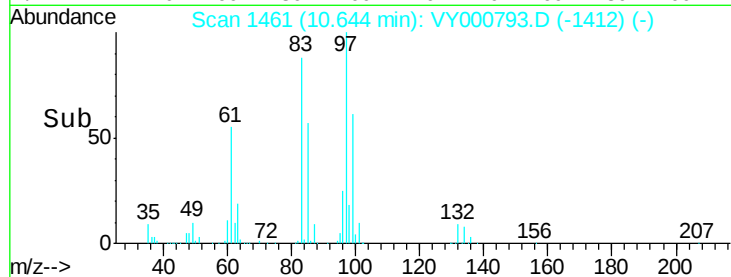
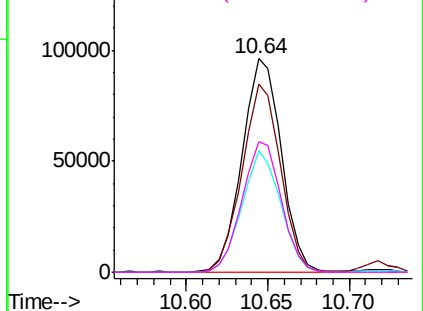
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

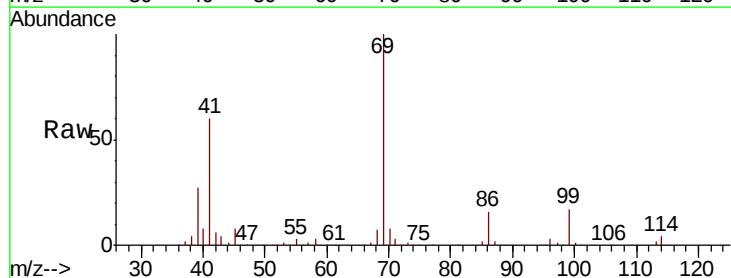
Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56
 Ethyl methacrylate
 Concen: 54.863 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	238690		
41	59.5	53.3	79.9	
39	27.1	28.0	42.0	

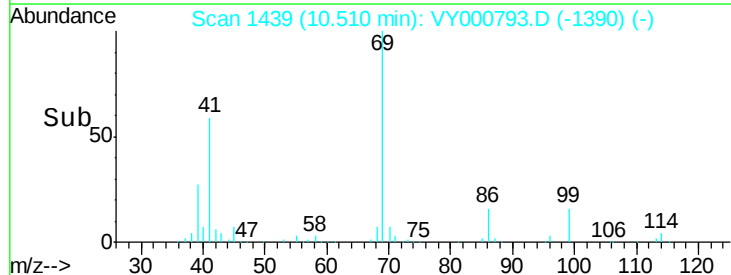
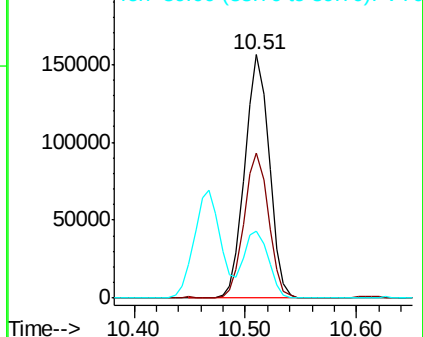


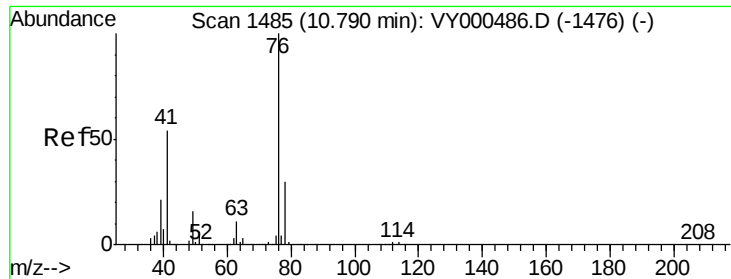
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 52.666 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 282945

Ion Ratio Lower Upper

76 100

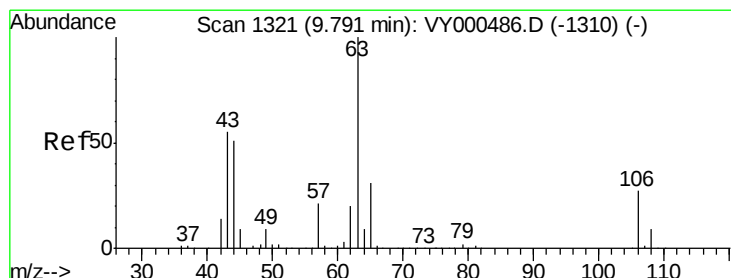
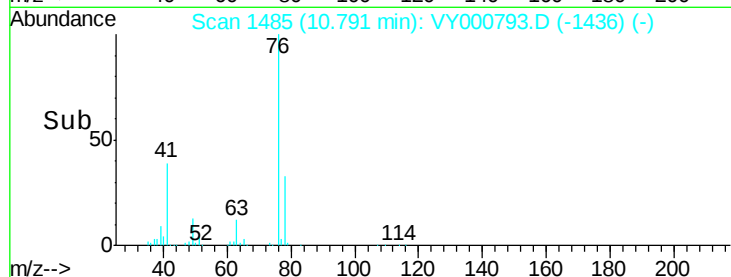
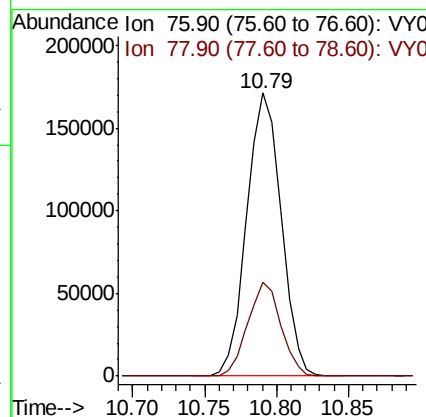
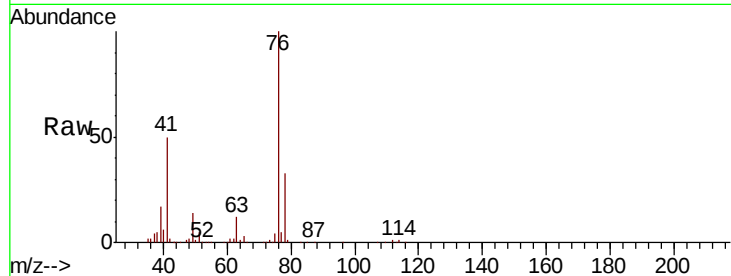
78 32.0 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 265.586 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000793.D

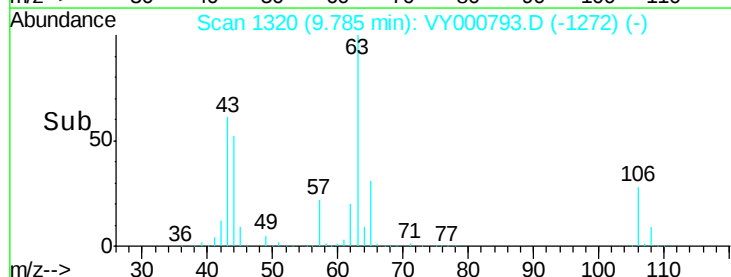
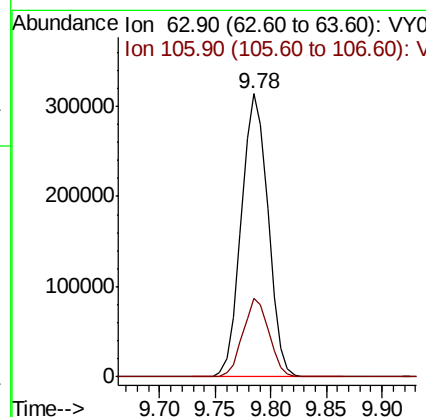
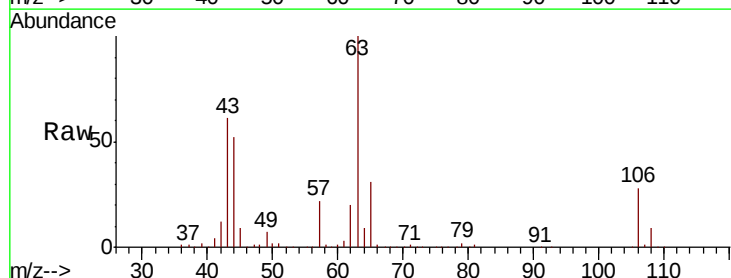
Acq: 26 Nov 2019 10:45

Tgt Ion: 63 Resp: 522375

Ion Ratio Lower Upper

63 100

106 27.0 22.6 33.8





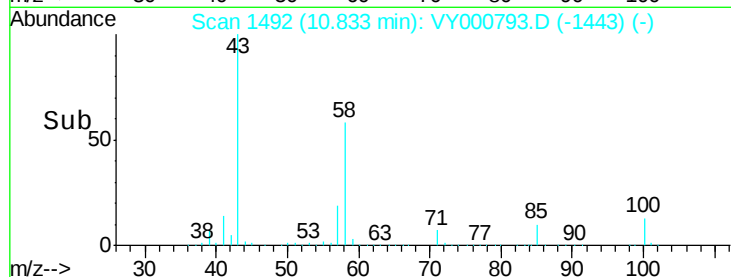
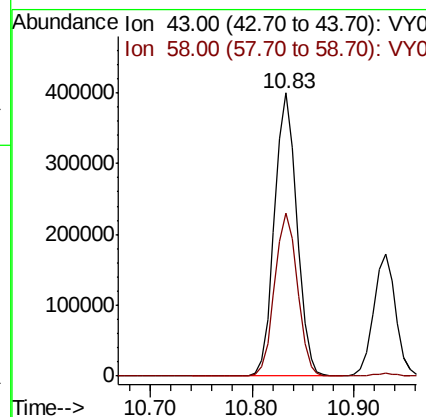
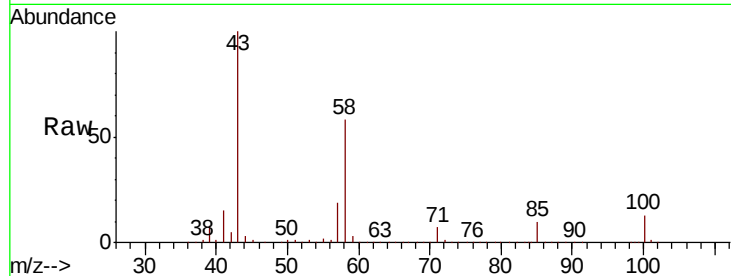
#59
2-Hexanone
Concen: 262.567 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 606661
Ion Ratio Lower Upper
43 100
58 58.6 27.1 81.3

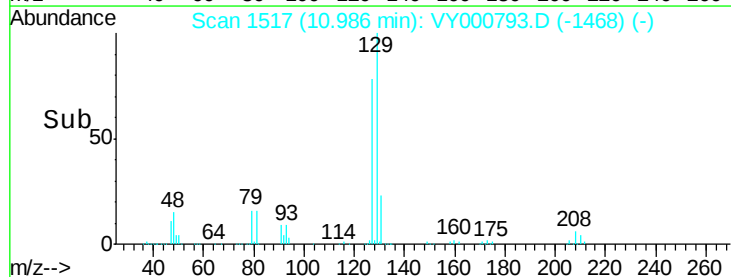
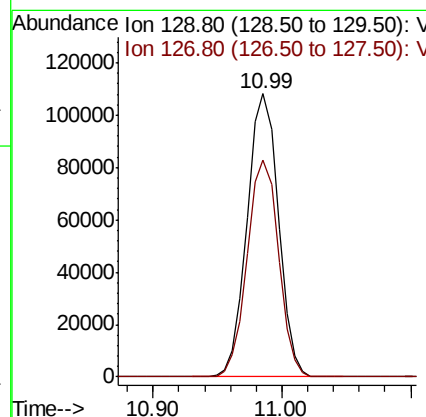
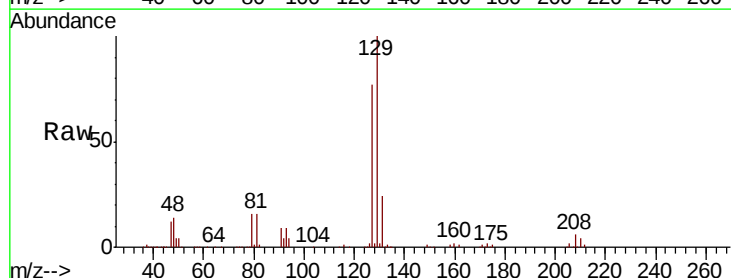
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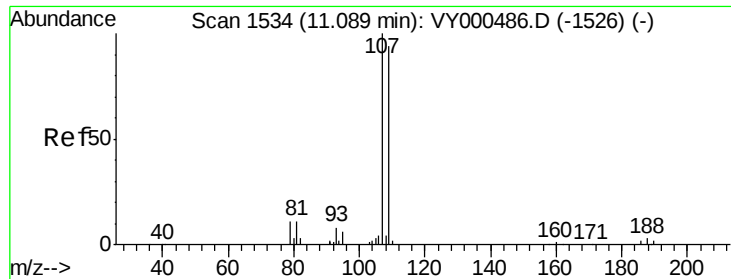
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#60
Dibromochloromethane
Concen: 51.628 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion: 129 Resp: 181523
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





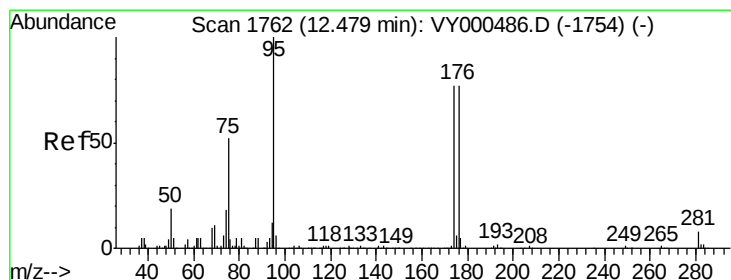
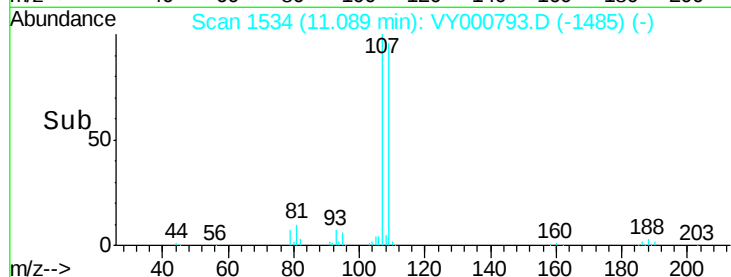
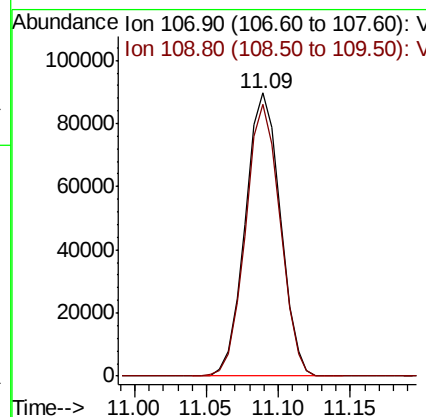
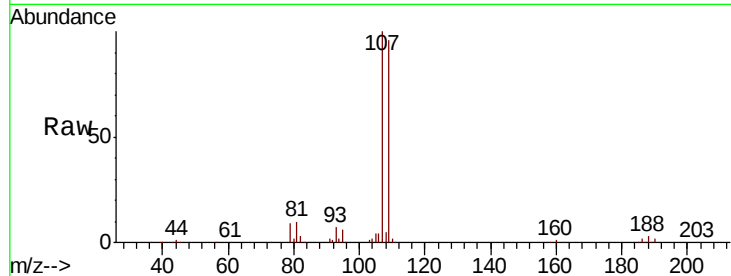
#61
 1,2-Dibromoethane
 Concen: 51.130 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	73.6	110.4

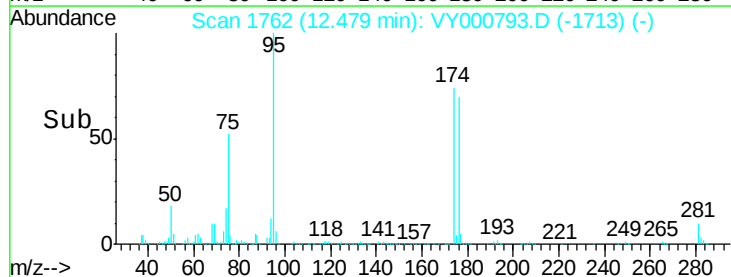
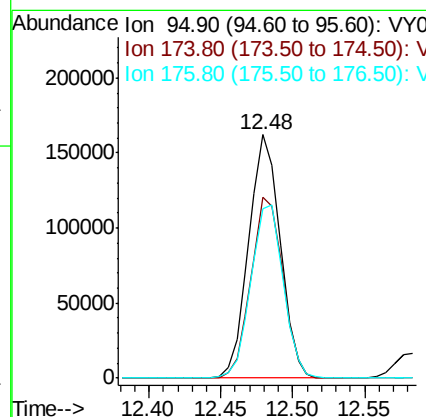
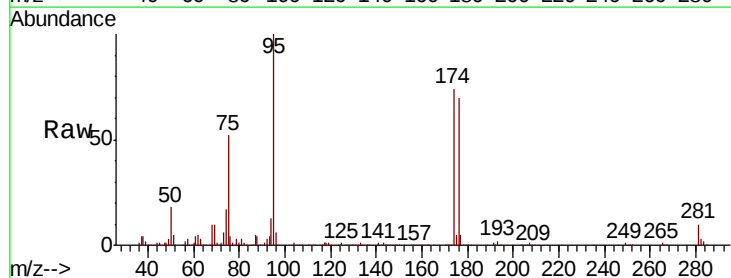
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#62
 4-Bromofluorobenzene
 Concen: 51.146 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	161.6
176	73.1	0.0	157.8





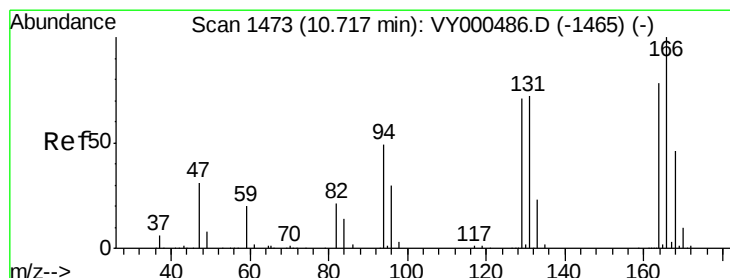
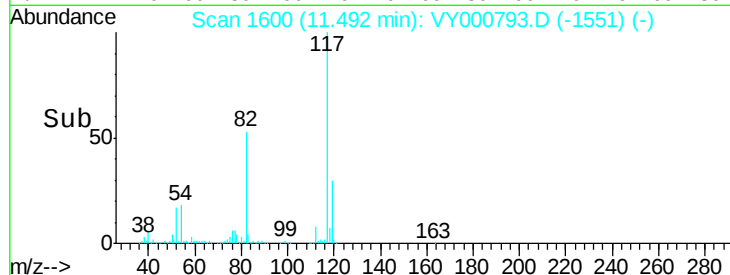
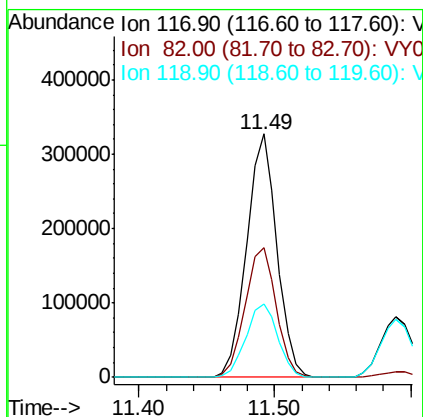
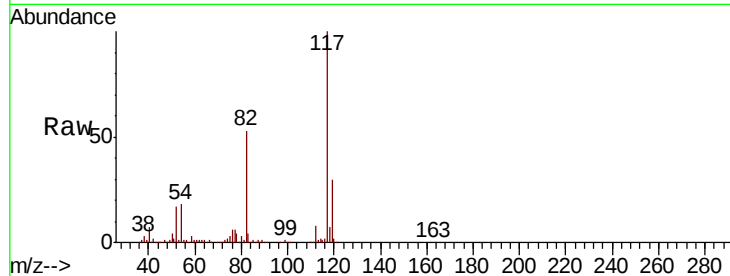
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.8	61.2
119	30.4	26.2	39.2

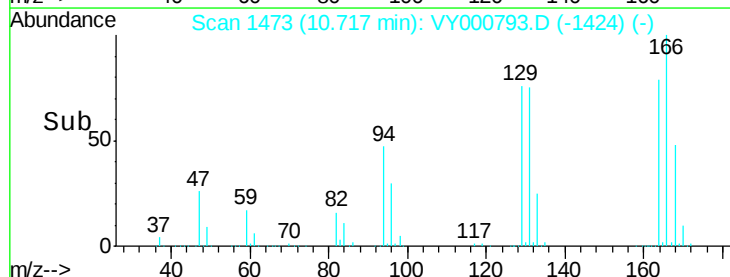
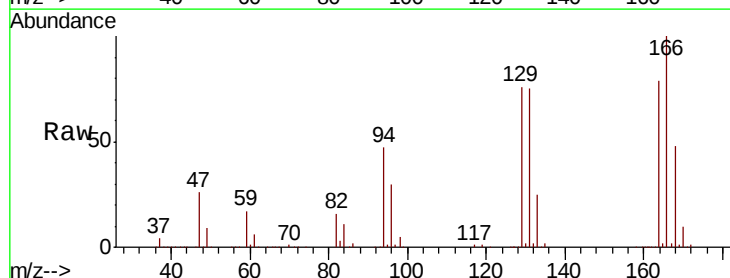
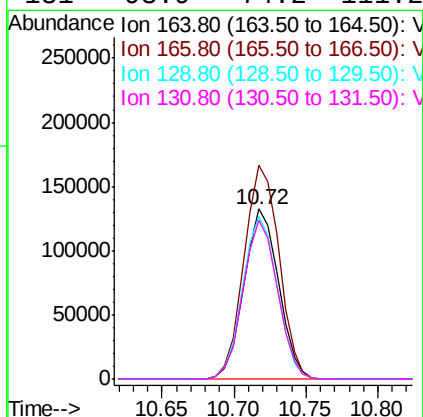
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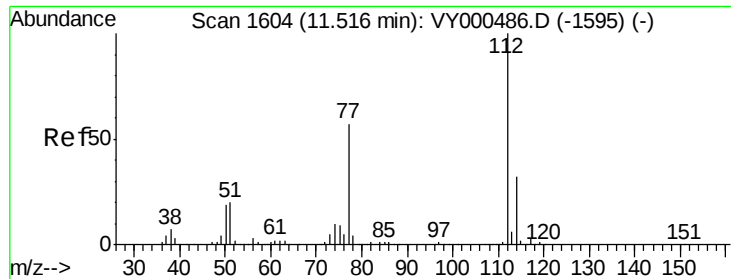
apatel
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#64
Tetrachloroethene
Concen: 52.323 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.7	154.1
129	96.1	73.2	109.8
131	93.9	74.2	111.2





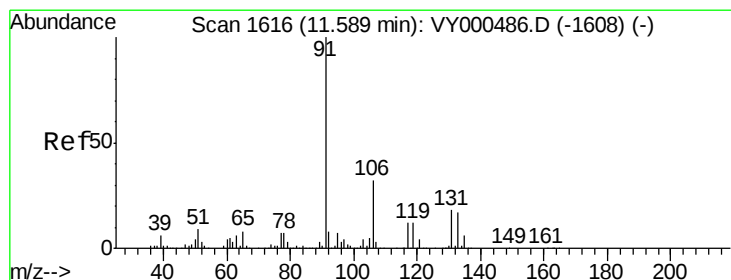
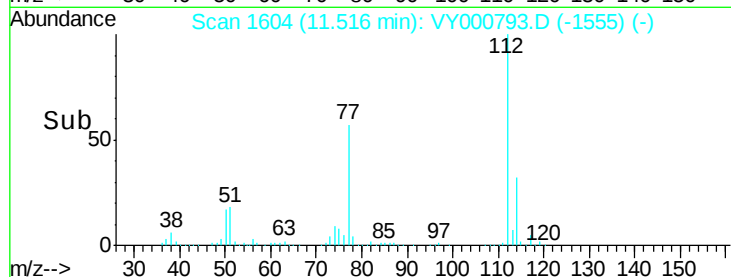
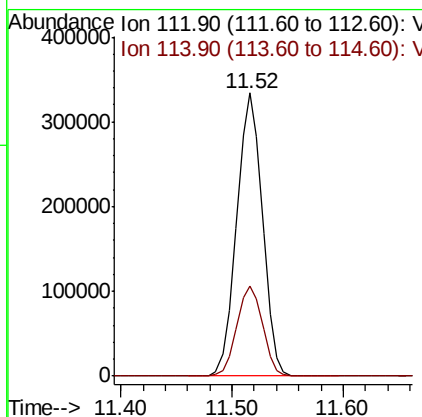
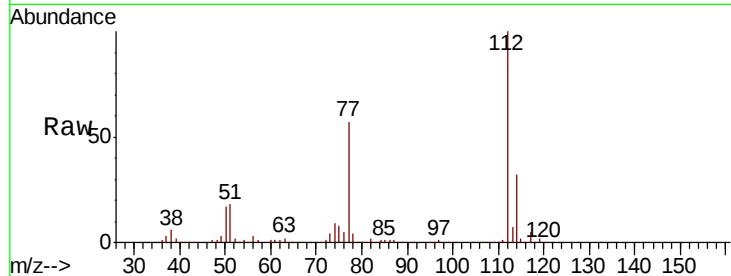
#65
Chlorobenzene
Concen: 51.664 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 532365
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

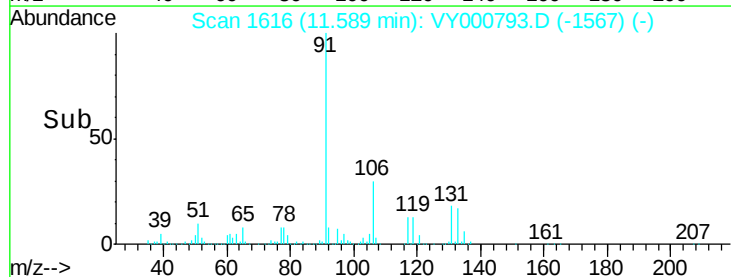
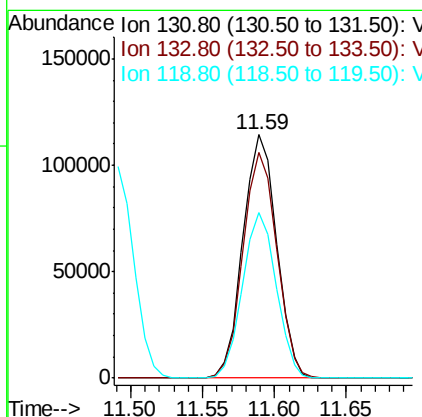
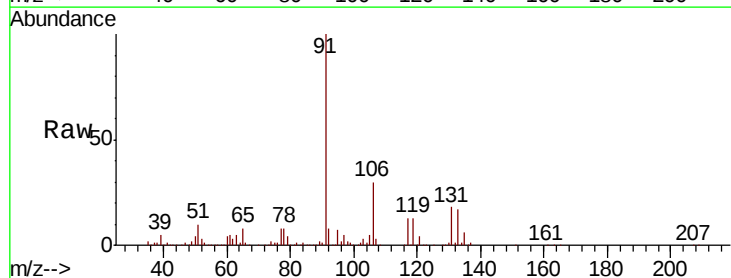
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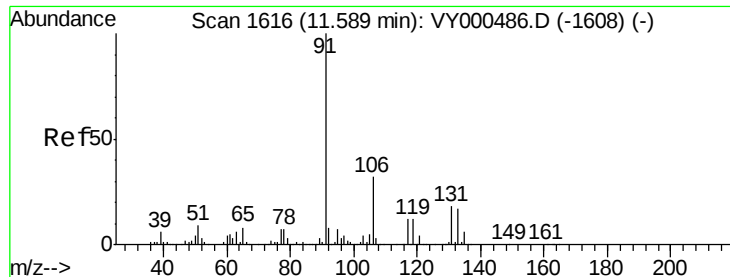
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.765 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion:131 Resp: 184996
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.8
119 68.2 33.1 99.3





#67

Ethyl Benzene

Concen: 51.873 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 983758

Ion Ratio Lower Upper

91 100

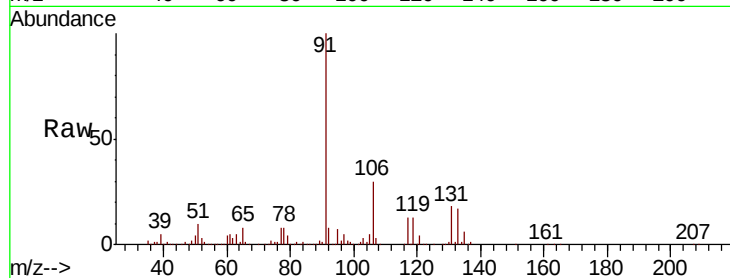
106 30.4 25.4 38.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY000486.D (-1608) (-)

800000

600000

400000

200000

0

11.59

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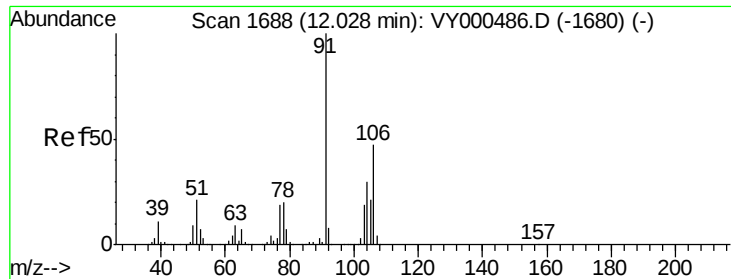
14.04

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14.08



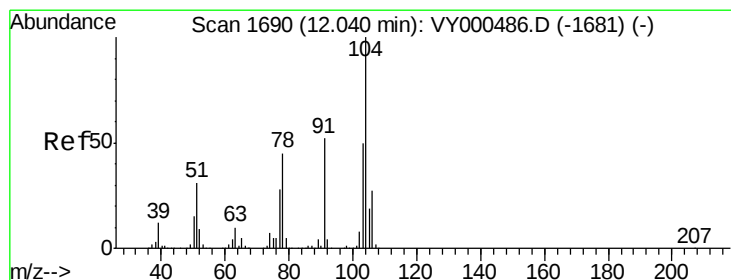
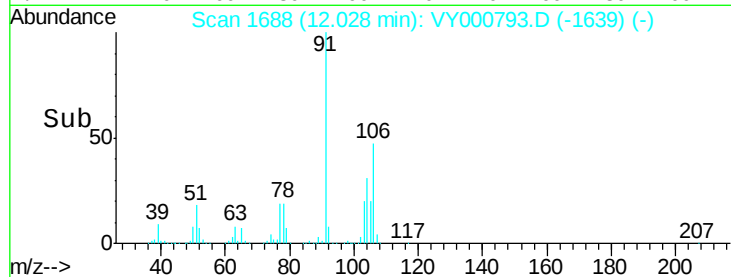
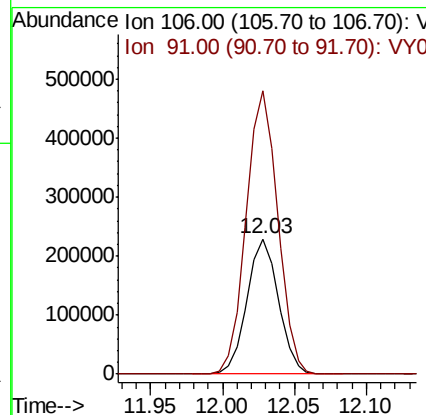
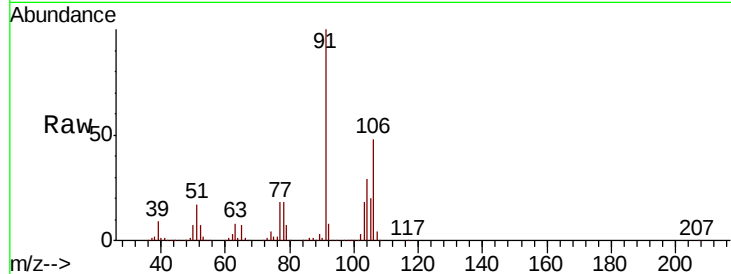
#69
o-Xylene
Concen: 50.168 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	346081		
91	91	210.9	106.5	319.6	

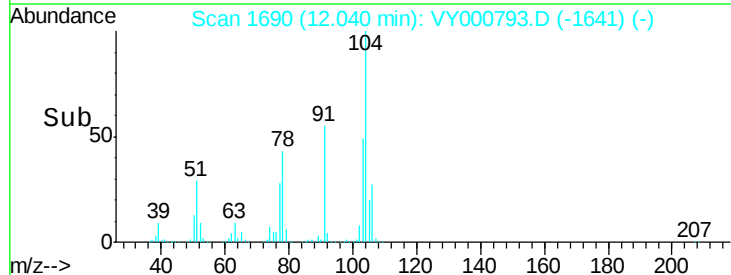
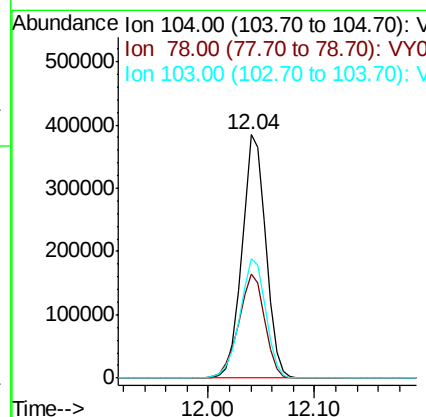
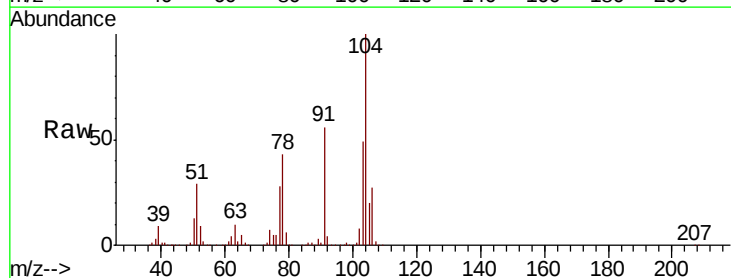
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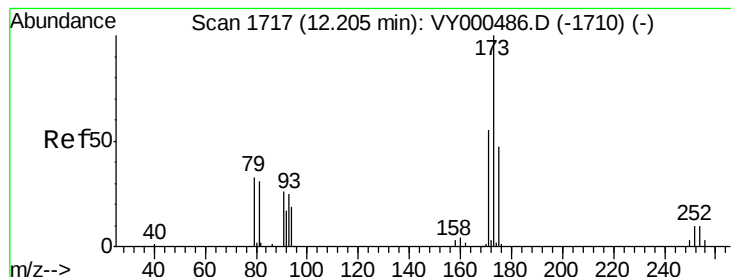
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#70
Styrene
Concen: 51.021 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	602690		
78	78	46.9	39.0	58.4	
103	103	53.4	42.5	63.7	





#71

Bromoform

Concen: 51.492 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

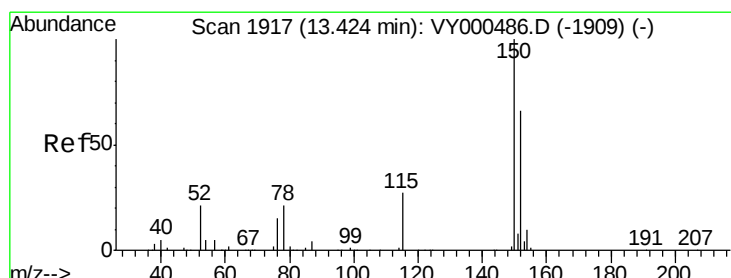
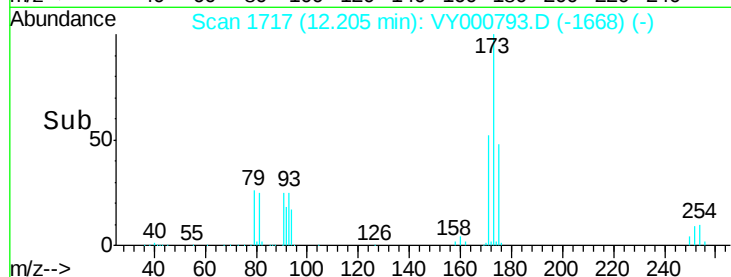
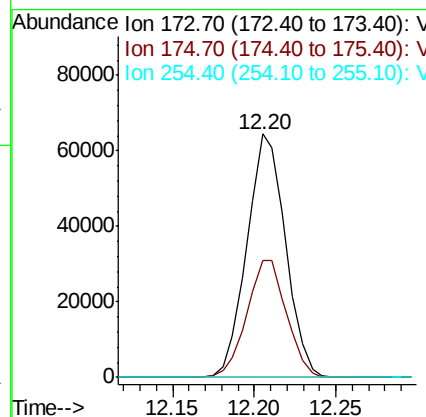
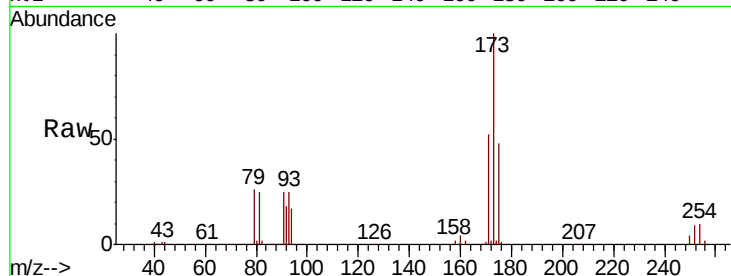
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

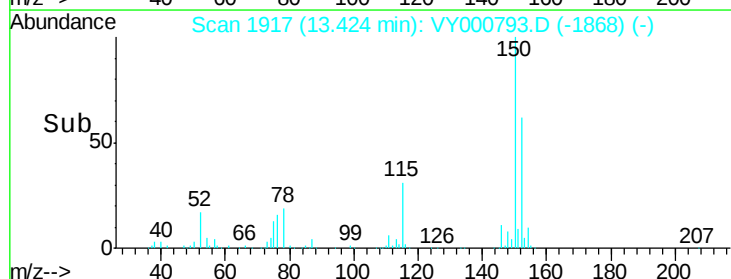
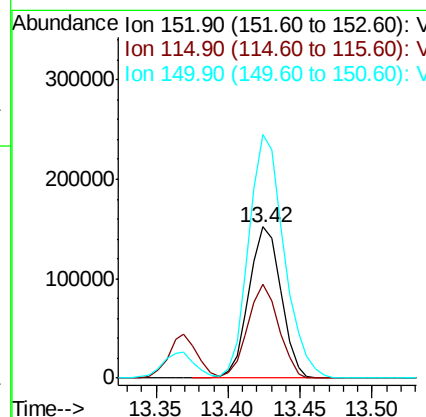
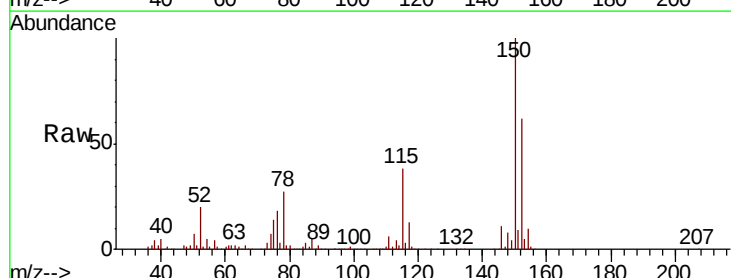
RT: 13.42 min Scan# 1917

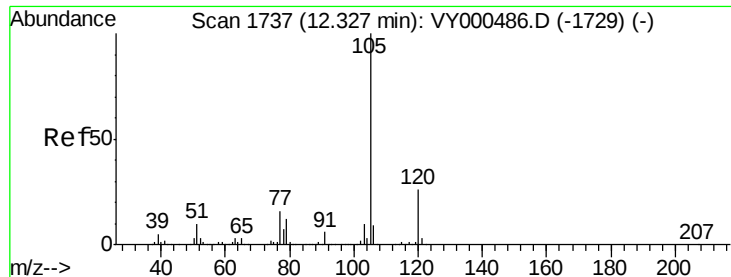
Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.1	87.4
150	176.1	0.0	348.8





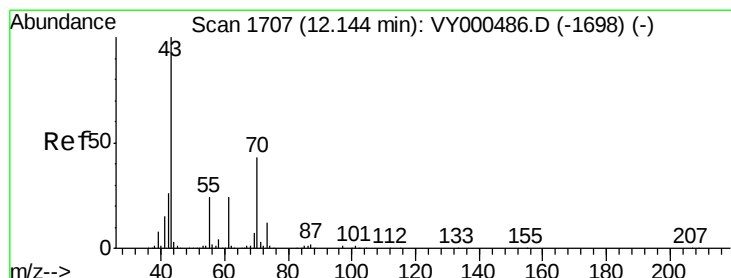
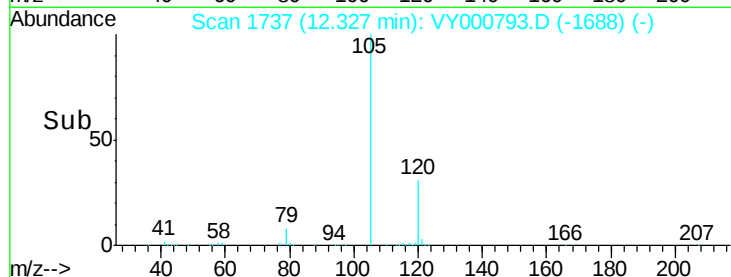
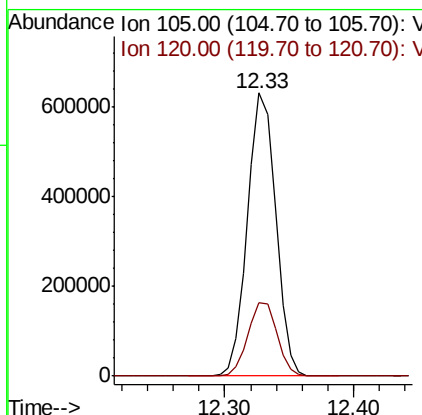
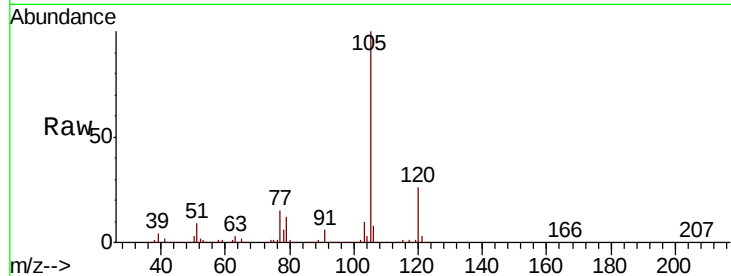
#73
Isopropylbenzene
Concen: 54.992 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4

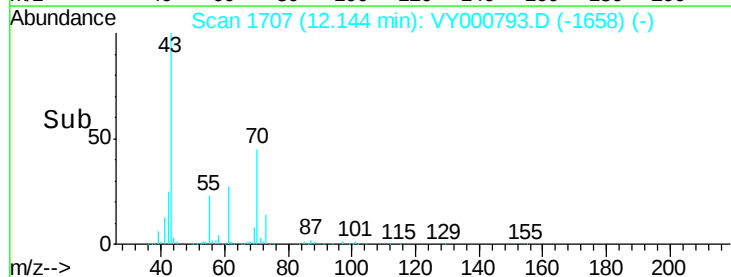
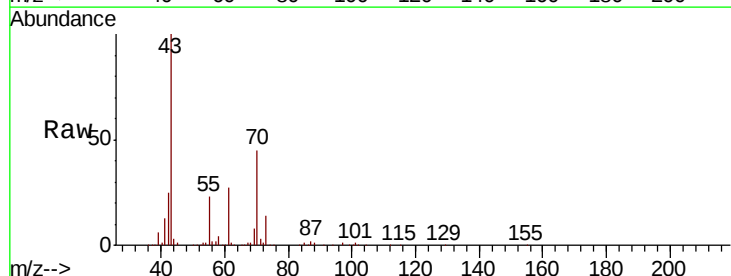
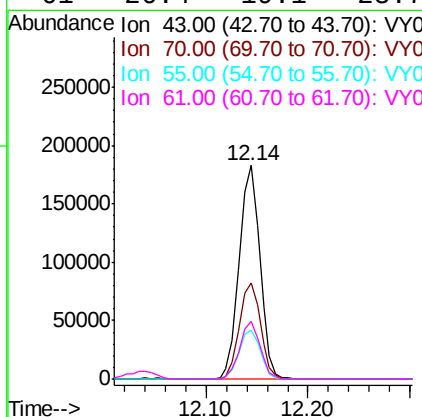
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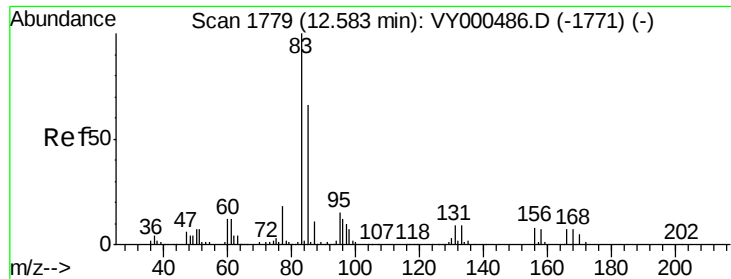
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#74
N-ethyl acetate
Concen: 51.650 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.6	33.1	49.7
55	23.7	18.0	27.0
61	26.4	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.649 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

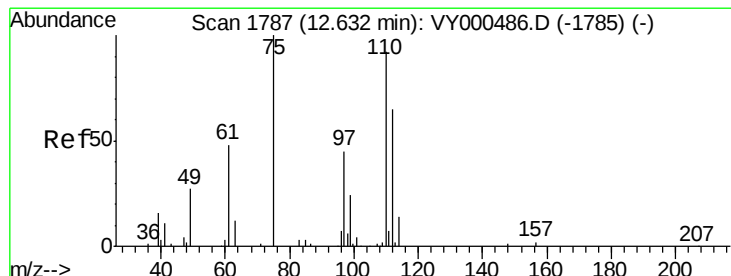
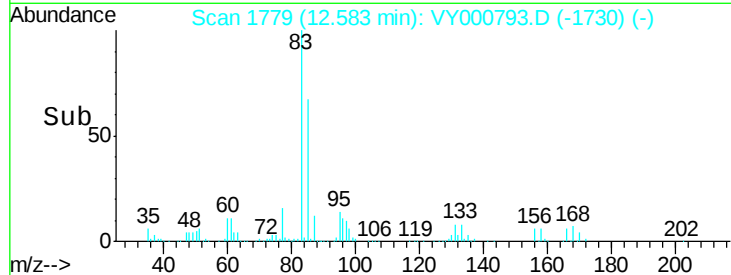
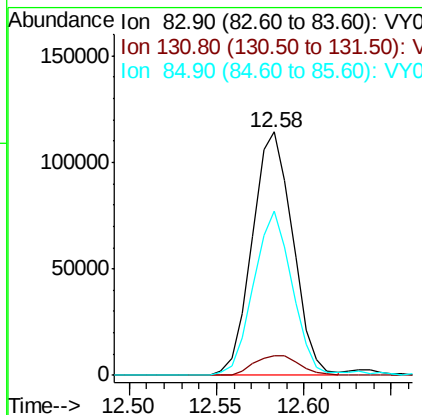
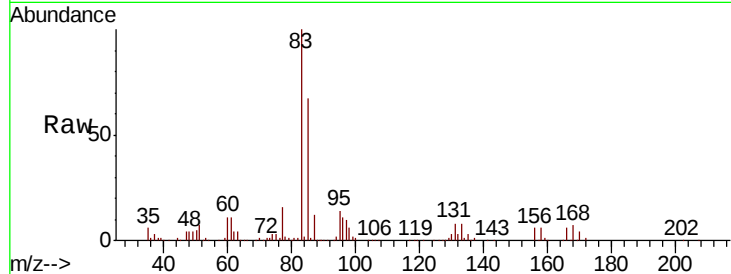
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	184652
Ion Ratio	Lower	Upper	
83	100		
131	9.4	5.0	14.9
85	63.9	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 53.208 ug/l m

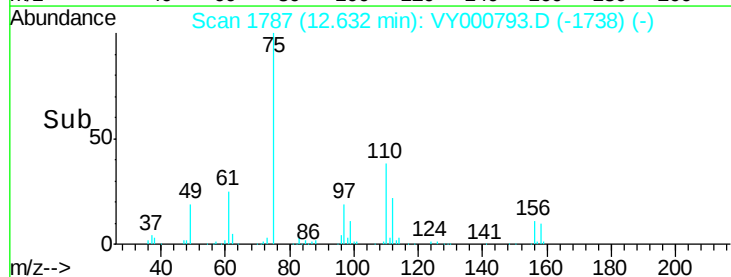
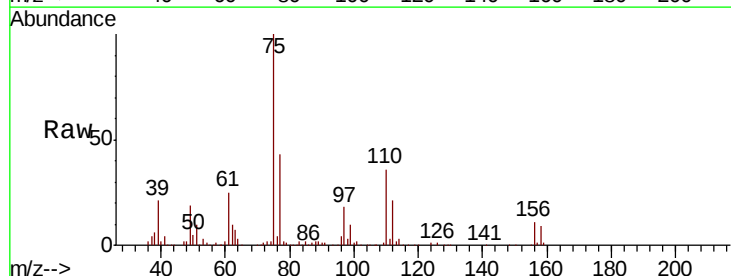
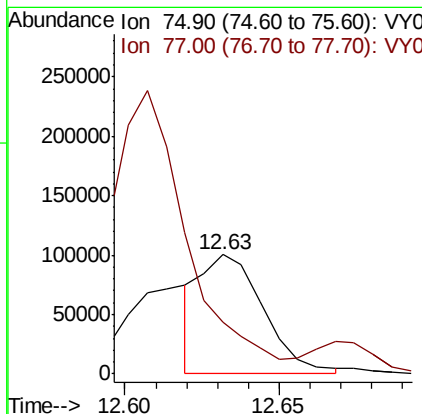
RT: 12.63 min Scan# 1787

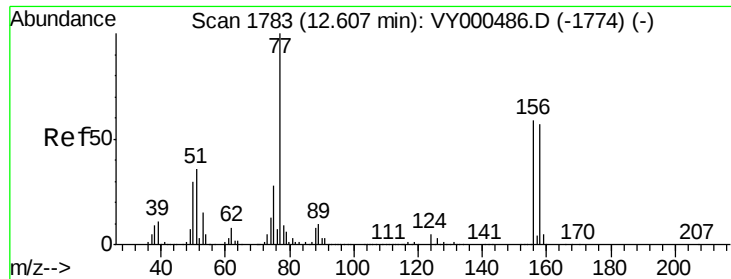
Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion:	75	Resp:	142494
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.056 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

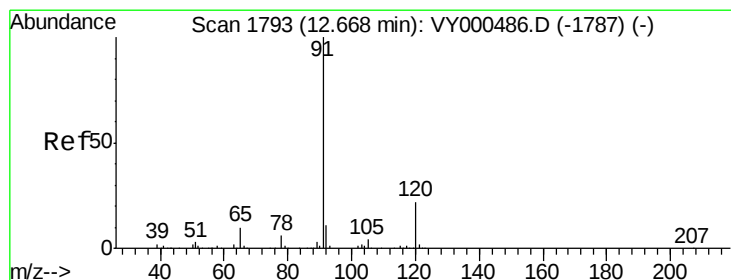
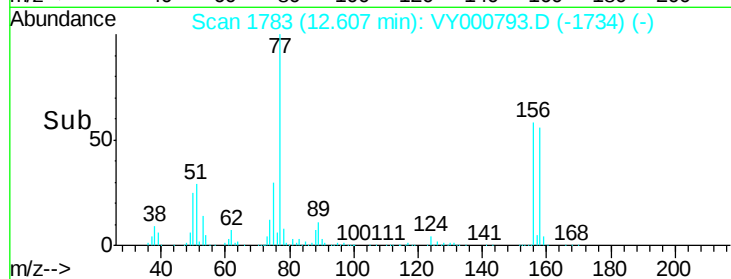
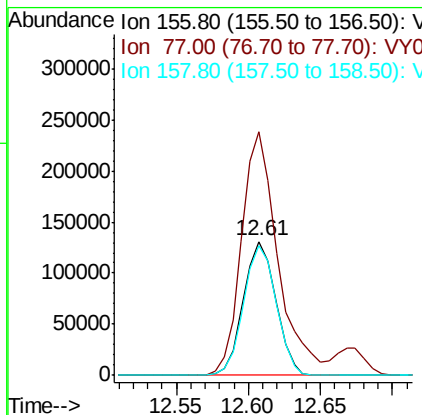
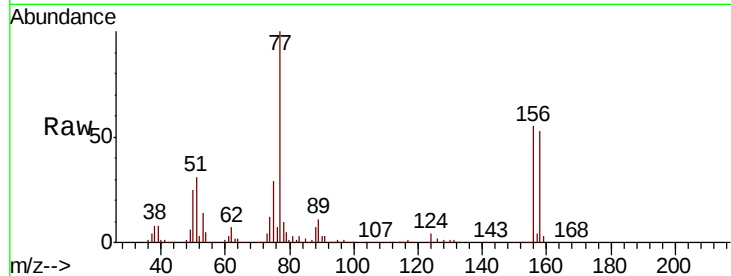
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	202.9	98.2	294.4
158	96.6	49.6	149.0

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#78

n-propylbenzene

Concen: 54.722 ug/l

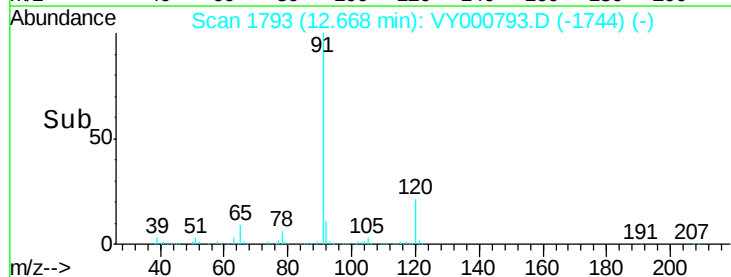
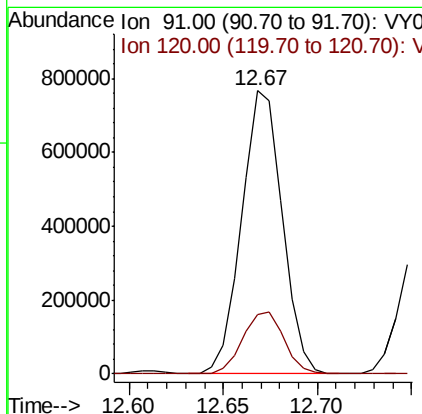
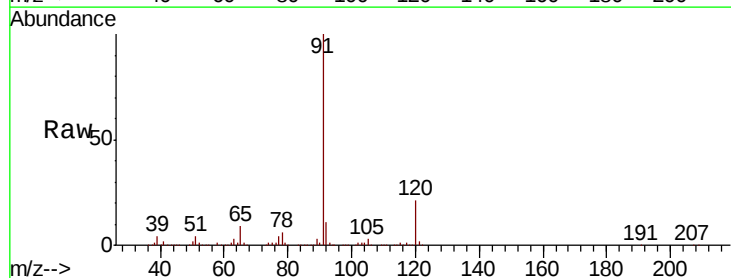
RT: 12.67 min Scan# 1793

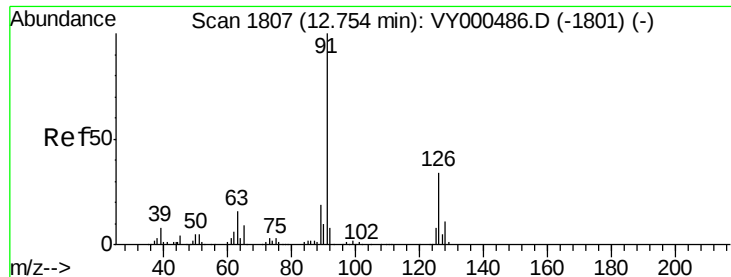
Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.4	34.1





#79

2-Chlorotoluene

Concen: 54.432 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 633797

Ion Ratio Lower Upper

91 100

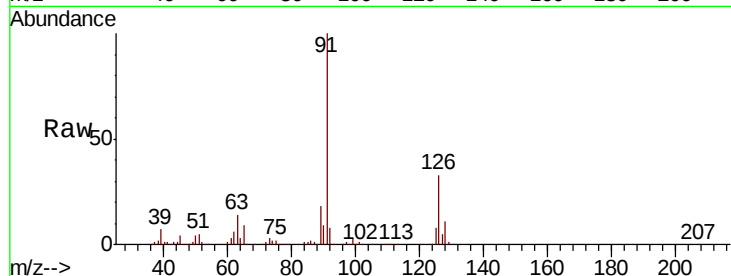
126 34.0 17.7 53.1

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

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

800000

600000

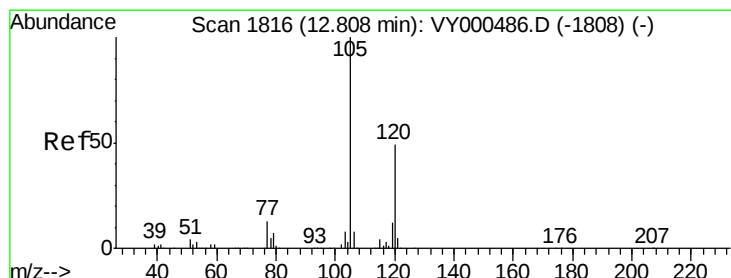
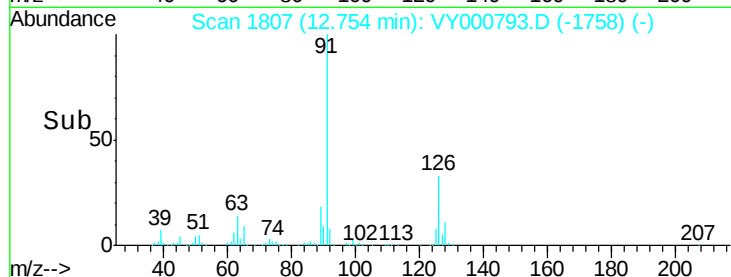
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.050 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000793.D

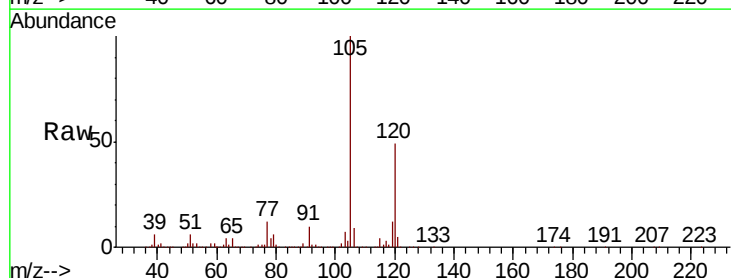
Acq: 26 Nov 2019 10:45

Tgt Ion: 105 Resp: 782496

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.8



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

Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)

600000

500000

400000

300000

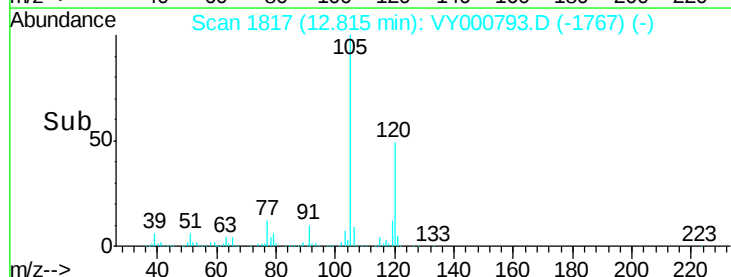
200000

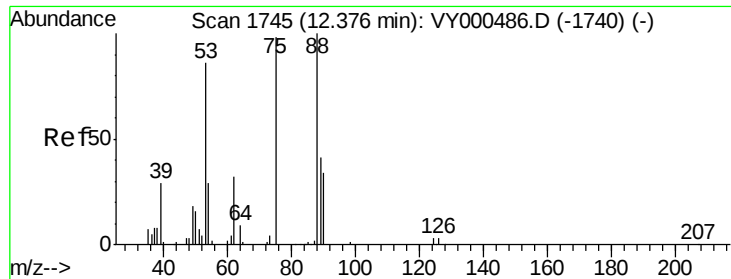
100000

0

12.80 12.81 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 60.387 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

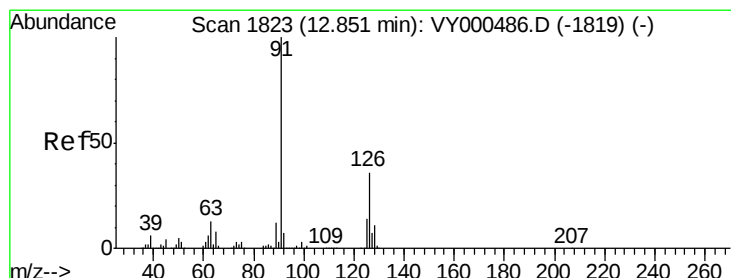
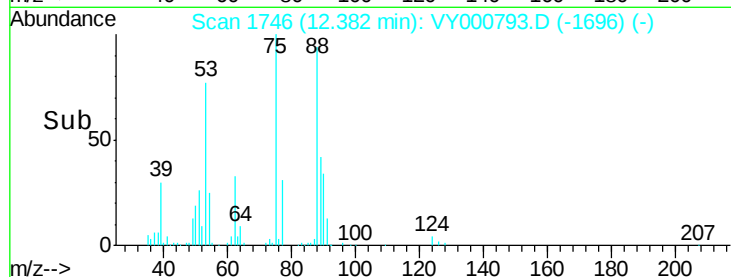
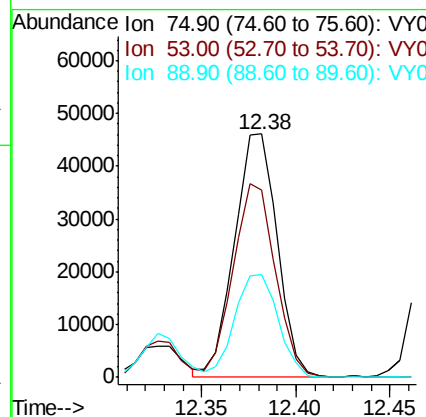
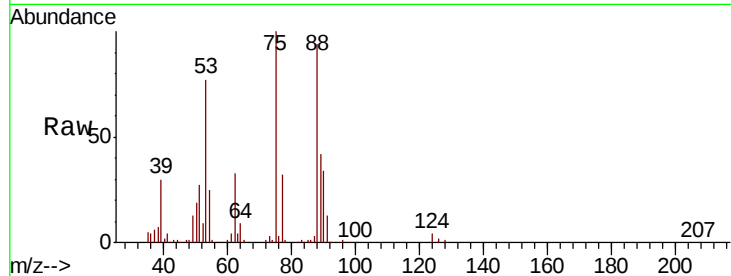
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	72127
Ion Ratio	Lower	Upper	
75	100		
53	78.9	73.2	109.8
89	43.3	35.9	53.9

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#82

4-Chlorotoluene

Concen: 54.722 ug/l

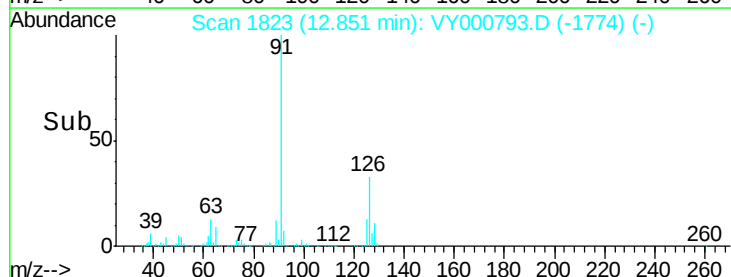
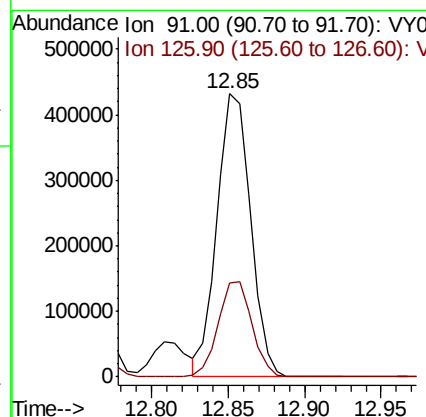
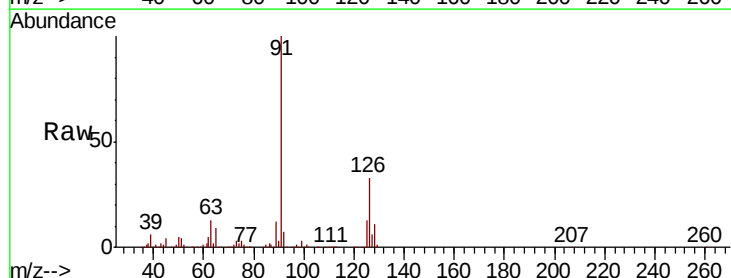
RT: 12.85 min Scan# 1823

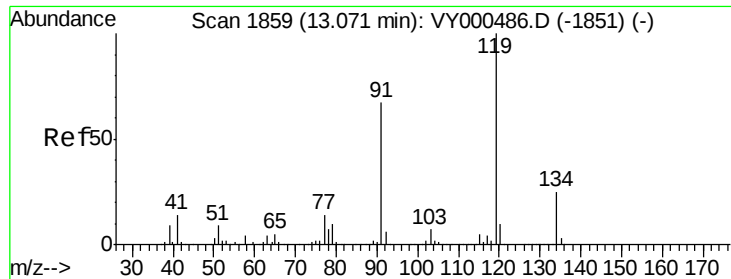
Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Tgt Ion:	91	Resp:	660486
Ion Ratio	Lower	Upper	
91	100		
126	33.9	17.6	52.9





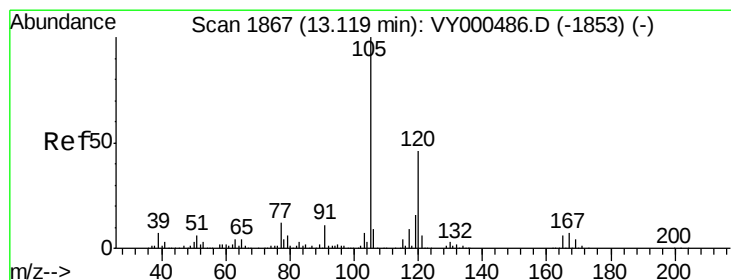
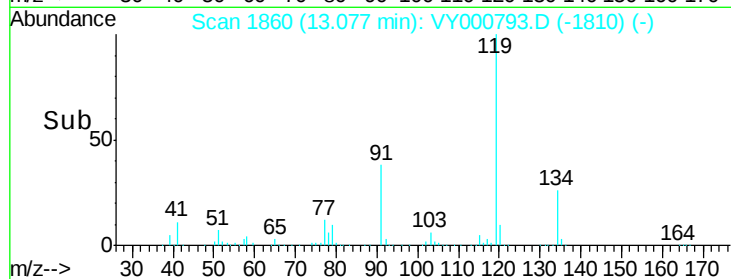
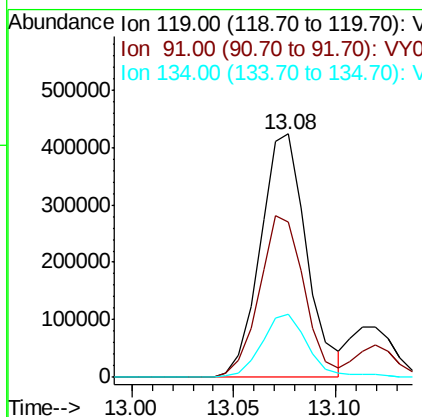
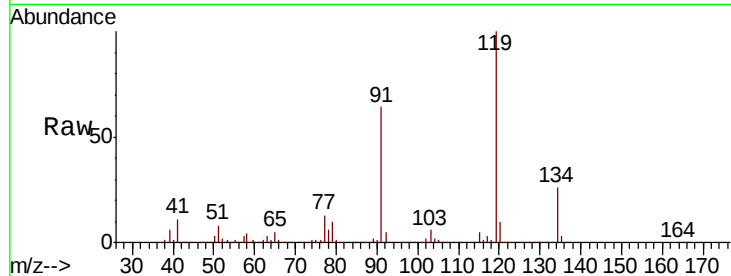
#83
tert-Butylbenzene
Concen: 53.946 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.1	96.3
134	26.2	13.2	39.5

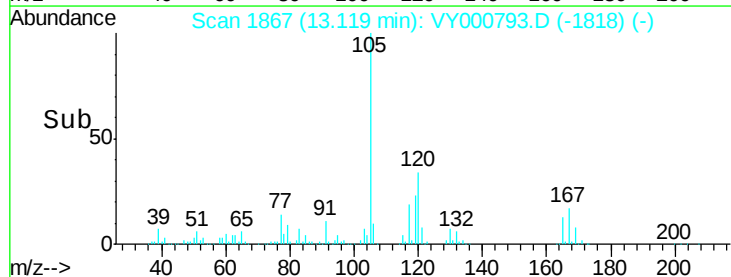
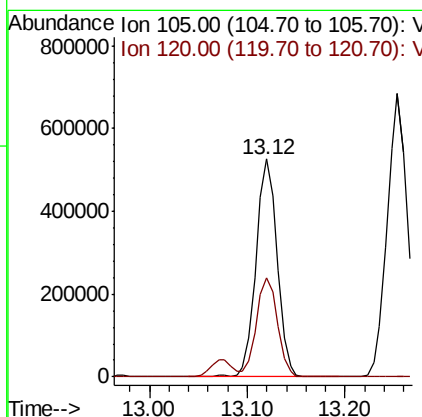
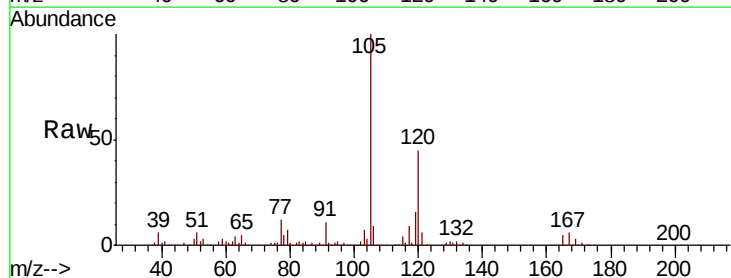
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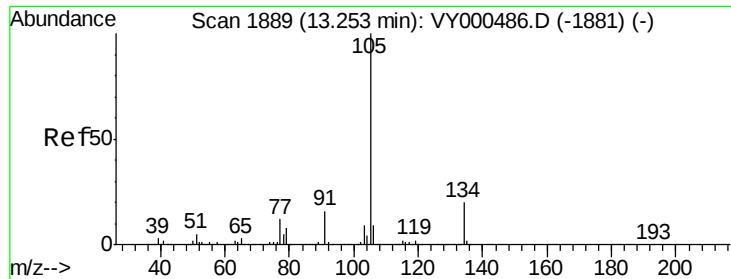
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#84
1,2,4-Trimethylbenzene
Concen: 54.697 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.3	69.9





#85

sec-Butylbenzene

Concen: 55.495 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 977329

Ion Ratio Lower Upper

105 100

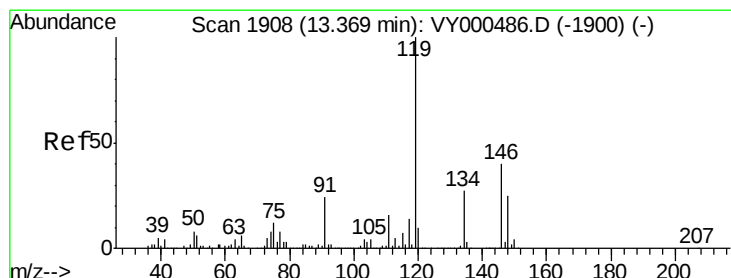
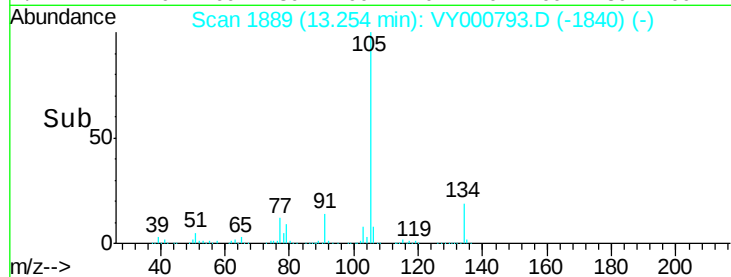
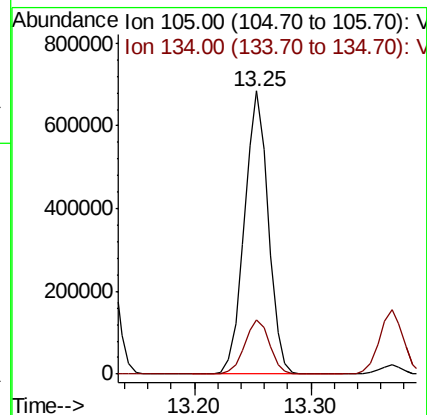
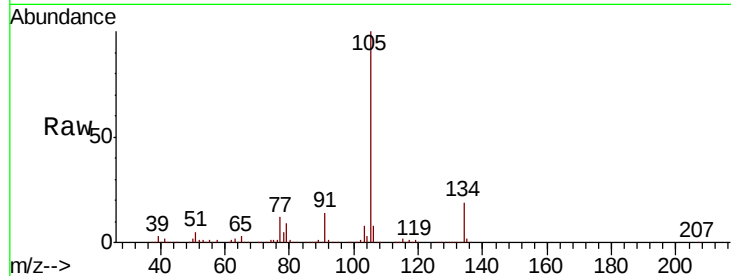
134 20.1 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 53.870 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000793.D

Acq: 26 Nov 2019 10:45

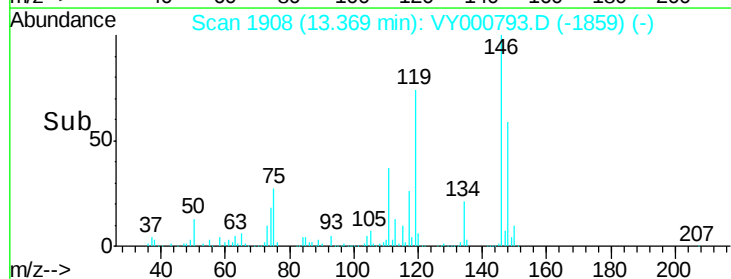
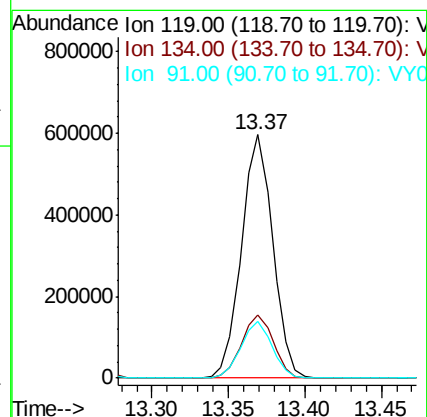
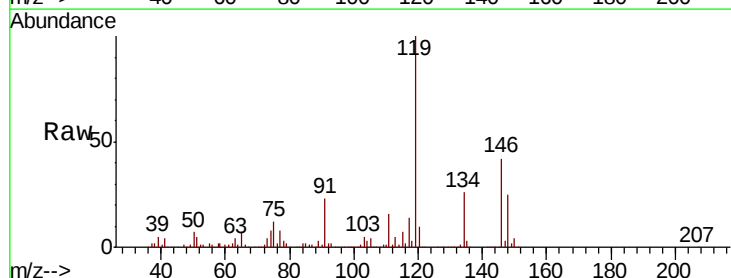
Tgt Ion:119 Resp: 845550

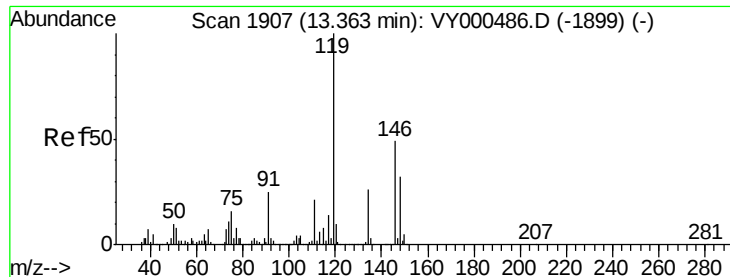
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 23.3 12.0 36.1





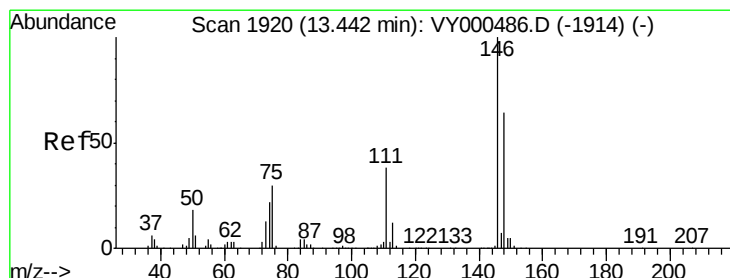
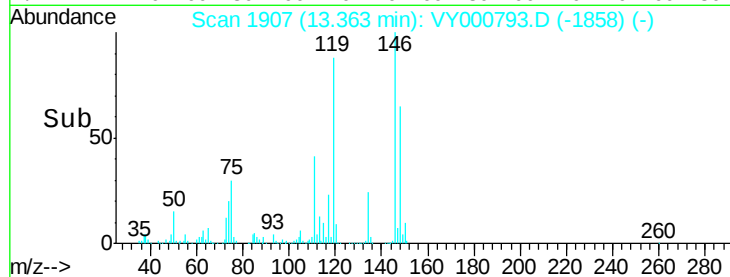
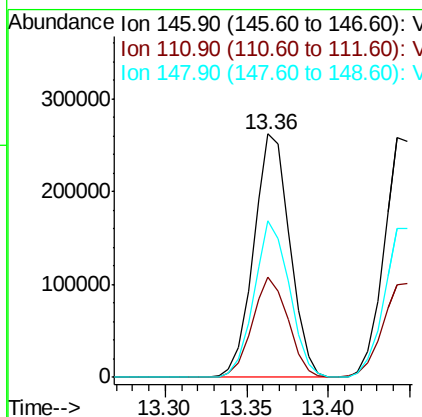
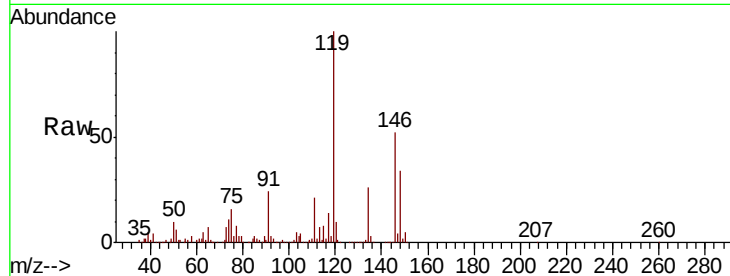
#87
 1,3-Dichlorobenzene
 Concen: 52.076 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	62.8	31.5	94.5

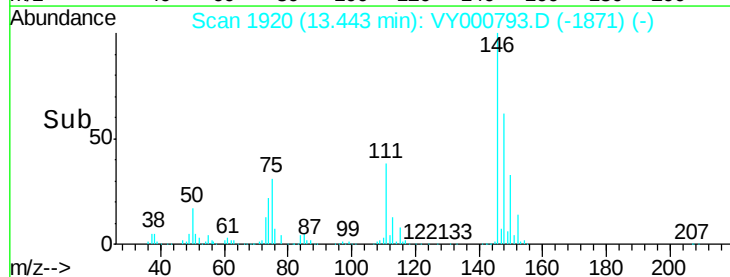
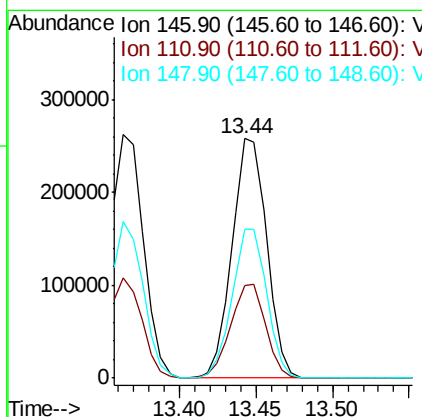
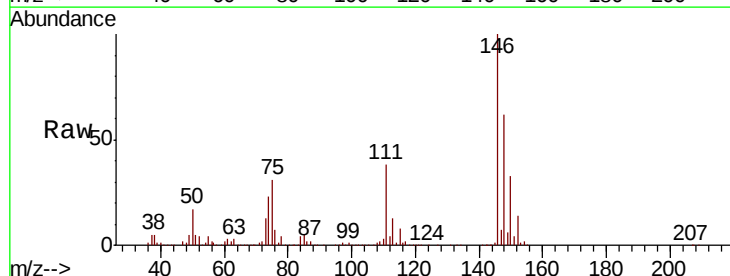
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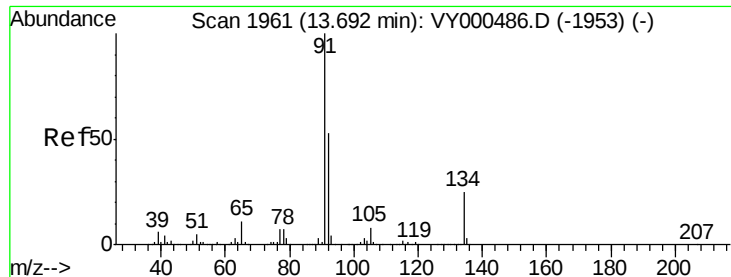
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#88
 1,4-Dichlorobenzene
 Concen: 52.449 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.0
148	62.2	31.9	95.7





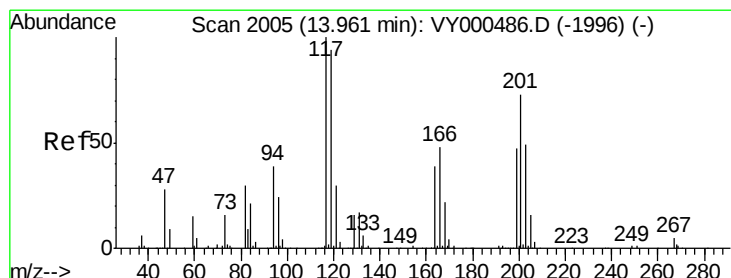
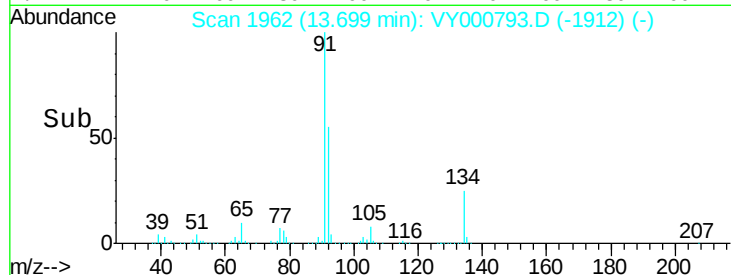
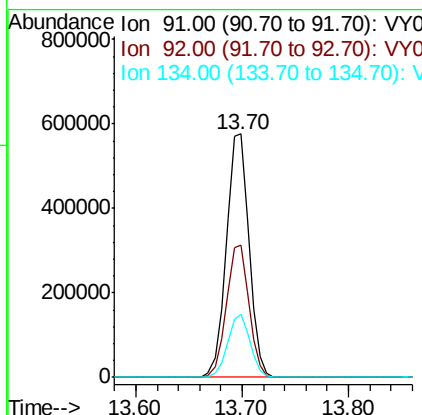
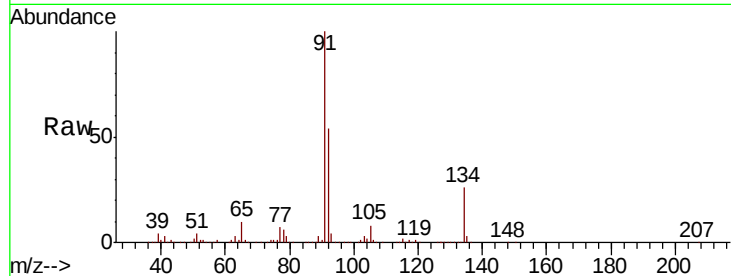
#89
n-Butylbenzene
Concen: 55.380 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.8	80.3
134	25.7	12.9	38.7

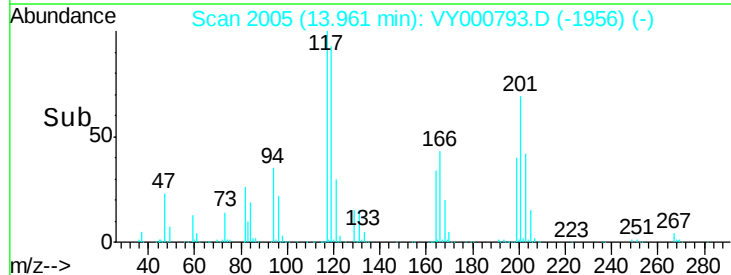
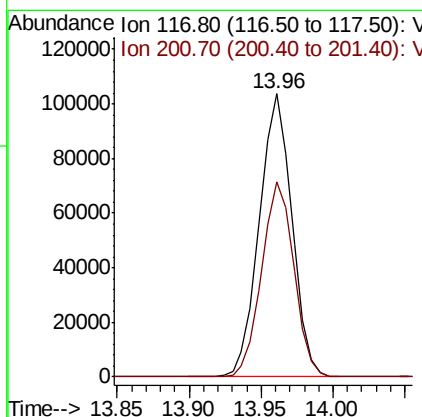
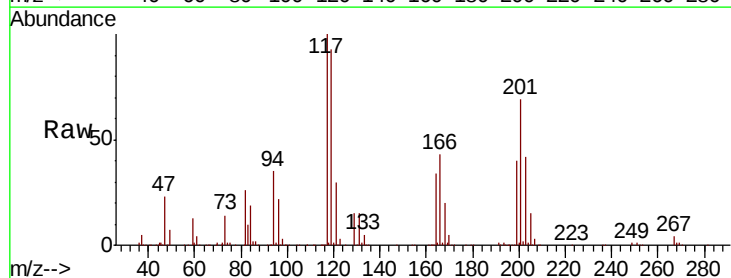
Manual Integrations
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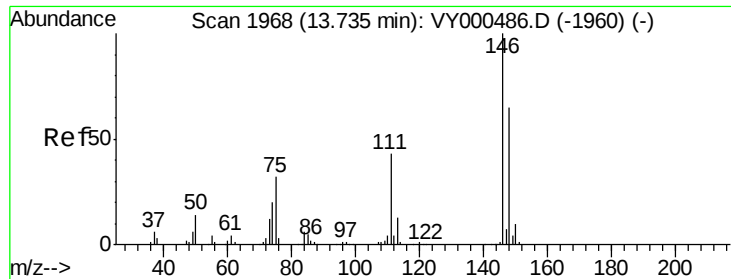
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#90
Hexachloroethane
Concen: 55.748 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.5	35.8	107.3





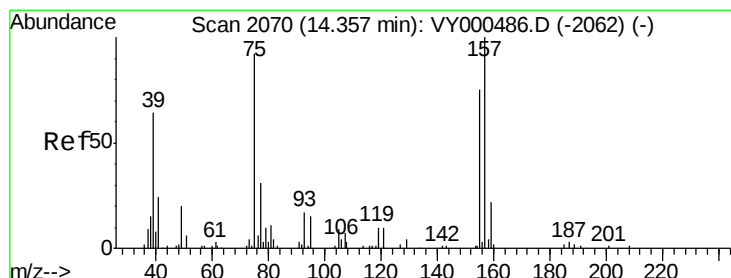
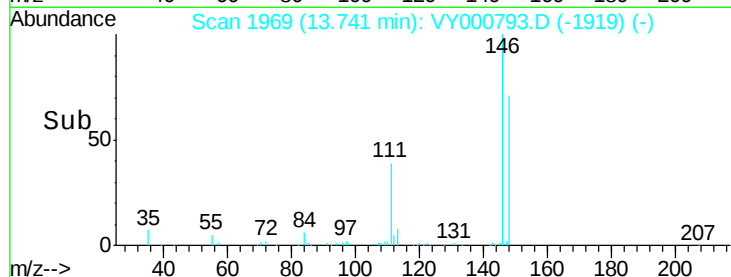
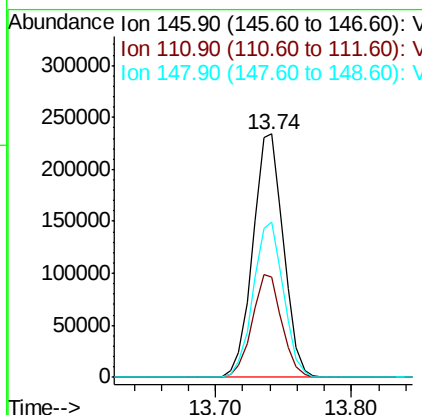
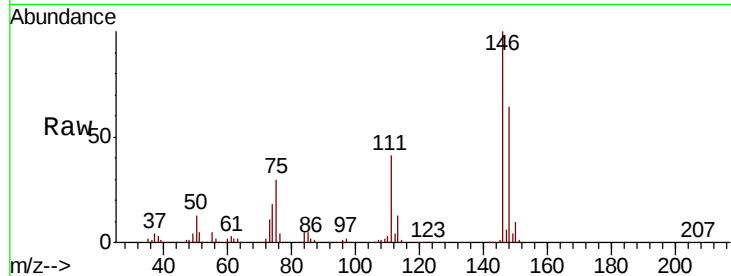
#91
 1,2-Dichlorobenzene
 Concen: 52.630 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	63.2	31.7	95.1

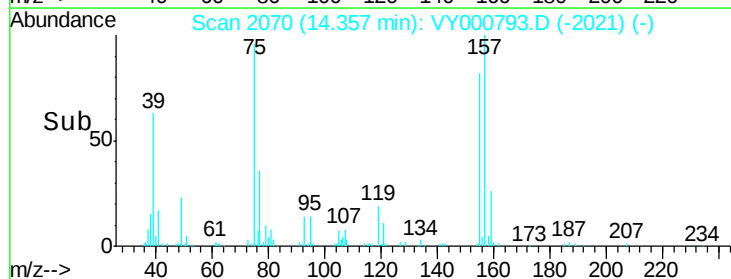
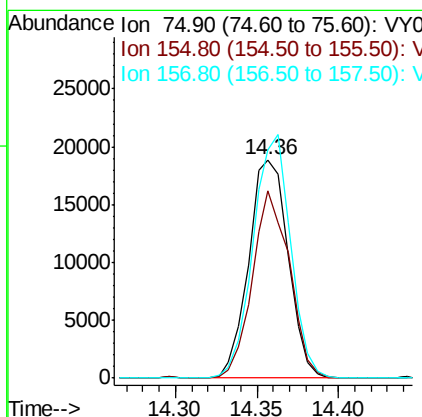
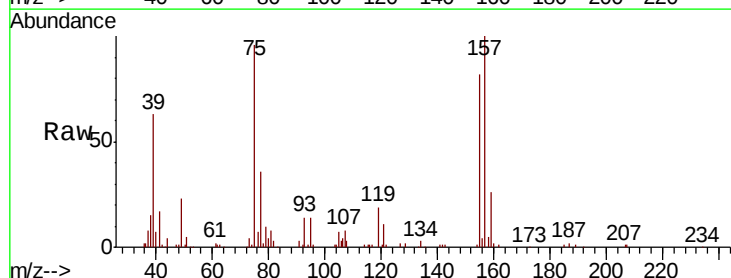
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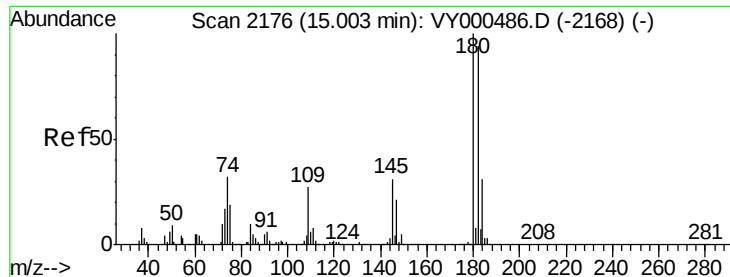
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.179 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	42.4	127.1
157	105.7	55.1	165.3





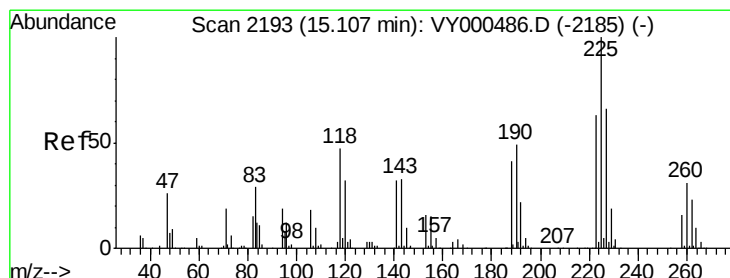
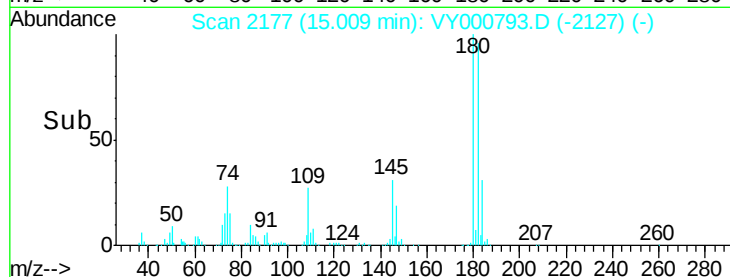
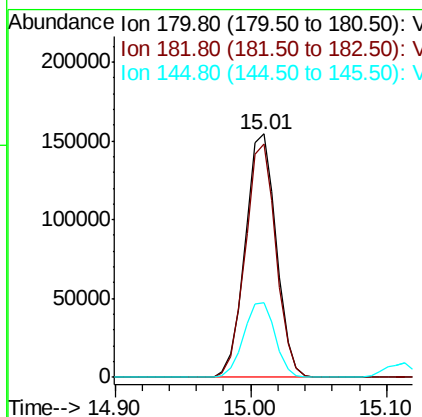
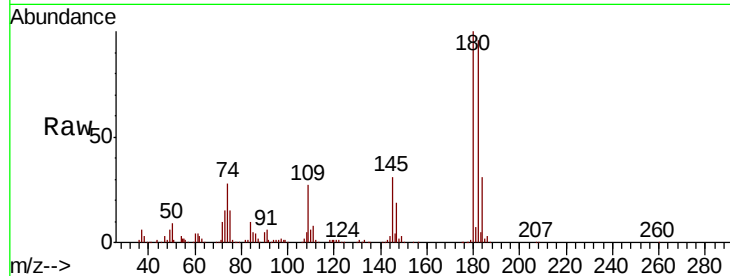
#93
 1,2,4-Trichlorobenzene
 Concen: 51.720 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	246701		
182	94.8	47.8	143.4	
145	31.1	16.0	47.9	

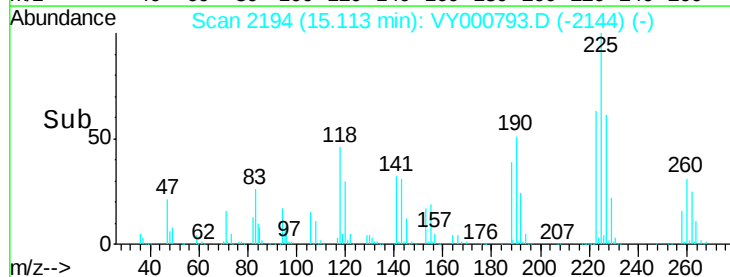
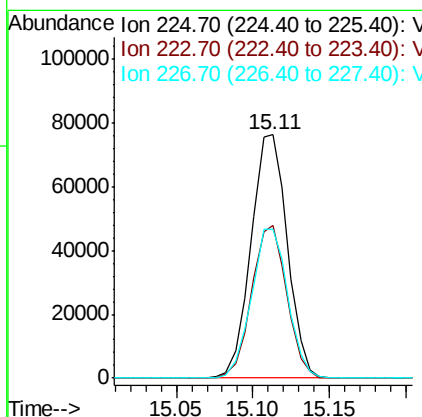
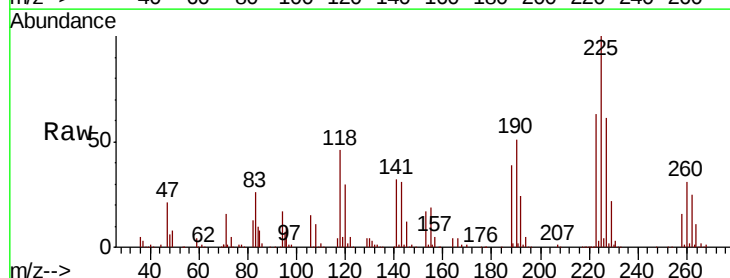
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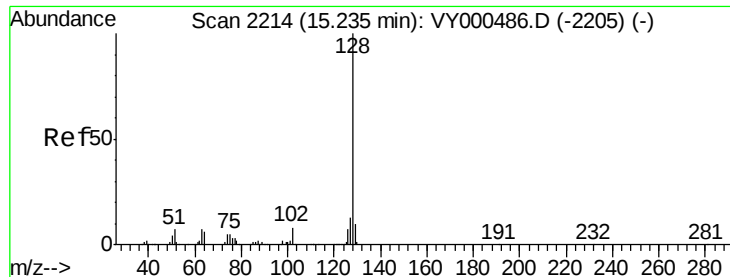
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#94
 Hexachlorobutadiene
 Concen: 51.306 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000793.D
 Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	126150		
223	60.3	31.3	93.8	
227	61.6	32.4	97.0	





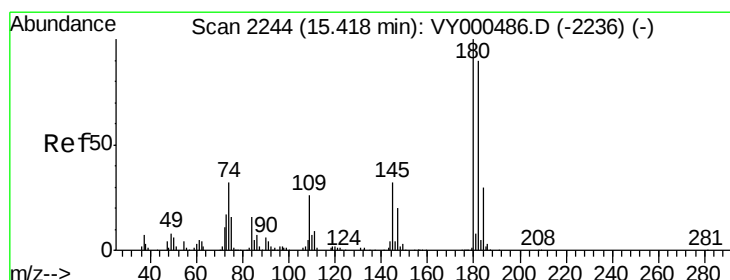
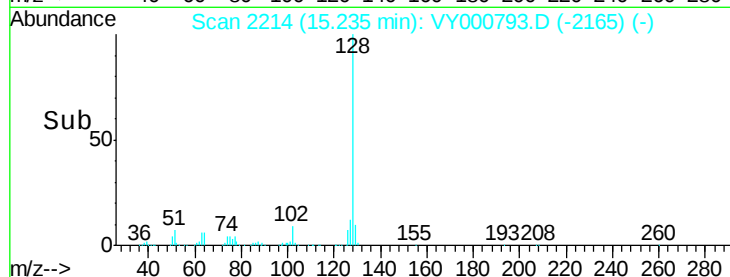
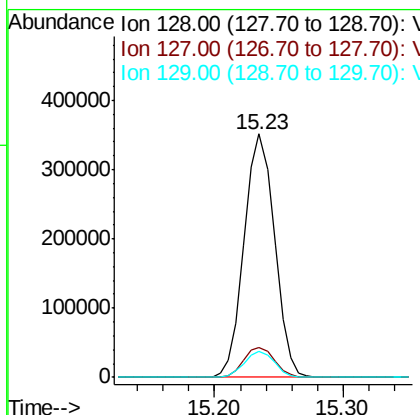
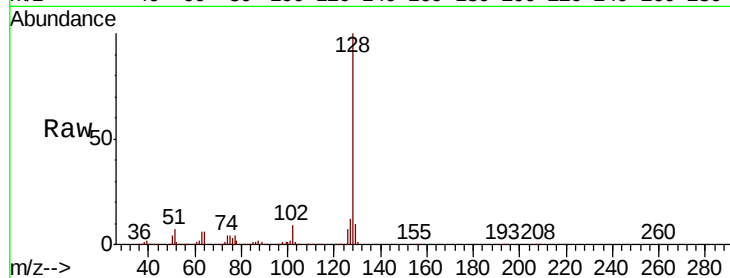
#95
Naphthalene
Concen: 54.339 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.5	9.8	14.6
129	10.5	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 50.615 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000793.D
Acq: 26 Nov 2019 10:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	47.4	142.3
145	33.6	15.7	47.0

