

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003557.D
 Acq On : 20 Nov 2020 10:15
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:19 PM

Quant Time: Nov 21 00:41:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 00:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	150560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	228535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	201643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	95337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	8467	5.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.84%#
35) Dibromofluoromethane	7.73	113	7732	5.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.30%#
50) Toluene-d8	10.18	98	29833	5.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.22%#
62) 4-Bromofluorobenzene	12.48	95	9323	5.03	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.06%#

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.93	85	2215	4.992	ug/l	97
3) Chloromethane	2.12	50	6284	6.017	ug/l #	88
4) Vinyl Chloride	2.26	62	7130	5.277	ug/l	97
5) Bromomethane	2.66	94	6338	5.608	ug/l	81
6) Chloroethane	2.80	64	4997	5.274	ug/l	93
7) Trichlorofluoromethane	3.13	101	6048	5.074	ug/l	89
8) Diethyl Ether	3.54	74	4384	5.071	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	7212	5.271	ug/l	96
10) Methyl Iodide	4.10	142	12338	5.226	ug/l	99
11) Tert butyl alcohol	5.02	59	3341	22.433	ug/l #	100
12) 1,1-Dichloroethene	3.88	96	7903	5.331	ug/l	89
13) Acrolein	3.74	56	3715	24.906	ug/l	95
14) Allyl chloride	4.48	41	12554	5.052	ug/l	99
15) Acrylonitrile	5.19	53	10280	25.274	ug/l	95
16) Acetone	3.97	43	11678	22.373	ug/l #	84
17) Carbon Disulfide	4.20	76	24055	5.637	ug/l #	94
18) Methyl Acetate	4.49	43	6842	6.025	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	11229	5.103	ug/l	94
20) Methylene Chloride	4.72	84	14979	7.556	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	9086	5.482	ug/l	97
22) Diisopropyl ether	6.13	45	20295	4.764	ug/l	98
23) Vinyl Acetate	6.07	43	71972	21.737	ug/l	98
24) 1,1-Dichloroethane	6.02	63	14991	5.287	ug/l	96
25) 2-Butanone	7.00	43	16174	23.880	ug/l	96
26) 2,2-Dichloropropane	6.99	77	11000	5.933	ug/l	93
27) cis-1,2-Dichloroethene	7.00	96	9329	5.192	ug/l	94
28) Bromochloromethane	7.34	49	6872	4.951	ug/l	97
29) Tetrahydrofuran	7.36	42	8862	24.976	ug/l	94
30) Chloroform	7.51	83	14587	5.156	ug/l	98
31) Cyclohexane	7.79	56	13371	5.916	ug/l #	84
32) 1,1,1-Trichloroethane	7.71	97	11356	5.194	ug/l	97
36) 1,1-Dichloropropene	7.92	75	11508	5.115	ug/l	98
37) Ethyl Acetate	7.08	43	6398	4.719	ug/l	99
38) Carbon Tetrachloride	7.91	117	10078	4.835	ug/l	90

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 ALS Vial : 3 Sample Multiplier: 1

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 00:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	11044	4.830	ug/l	96
40) Benzene	8.17	78	35330	5.297	ug/l	98
41) Methacrylonitrile	7.33	41	4829	7.244	ug/l #	85
42) 1,2-Dichloroethane	8.24	62	9744	5.136	ug/l	98
43) Isopropyl Acetate	8.27	43	11730	4.712	ug/l	96
44) Trichloroethene	8.94	130	9665	5.318	ug/l	90
45) 1,2-Dichloropropane	9.21	63	8364	5.059	ug/l	89
46) Dibromomethane	9.31	93	4911	5.216	ug/l	99
47) Bromodichloromethane	9.50	83	11637	5.204	ug/l	93
48) Methyl methacrylate	9.30	41	5892	4.944	ug/l	92
49) 1,4-Dioxane	9.32	88	913	84.632	ug/l #	89
51) 4-Methyl-2-Pentanone	10.07	43	26387	22.115	ug/l	99
52) Toluene	10.25	92	20386	4.992	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	11343	4.846	ug/l	91
54) cis-1,3-Dichloropropene	9.93	75	13251	4.974	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	6700	5.017	ug/l #	88
56) Ethyl methacrylate	10.51	69	6881	4.240	ug/l	96
57) 1,3-Dichloropropane	10.79	76	11080	4.902	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.78	63	19164	23.011	ug/l	99
59) 2-Hexanone	10.83	43	20225	20.562	ug/l	100
60) Dibromochloromethane	10.99	129	7925	4.908	ug/l	93
61) 1,2-Dibromoethane	11.08	107	6458	5.018	ug/l	99
64) Tetrachloroethene	10.72	164	8132	5.399	ug/l	95
65) Chlorobenzene	11.52	112	22950	5.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	6145	4.909	ug/l	91
67) Ethyl Benzene	11.60	91	34464	4.821	ug/l	98
68) m/p-Xylenes	11.70	106	26620	9.725	ug/l	100
69) o-Xylene	12.03	106	10433	4.765	ug/l	96
70) Styrene	12.04	104	20666	4.683	ug/l	97
71) Bromoform	12.20	173	5035	4.981	ug/l #	94
73) Isopropylbenzene	12.33	105	23819	5.016	ug/l	100
74) N-amyl acetate	12.14	43	8313	4.420	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	6718	5.084	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	4703m	4.838	ug/l	
77) Bromobenzene	12.61	156	8763	5.015	ug/l	96
78) n-propylbenzene	12.67	91	32567	4.881	ug/l	98
79) 2-Chlorotoluene	12.75	91	19552	5.077	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	18504	5.184	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	2902	4.991	ug/l	94
82) 4-Chlorotoluene	12.85	91	23719	5.027	ug/l	99
83) tert-Butylbenzene	13.07	119	18672	5.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	18424	4.848	ug/l	97
85) sec-Butylbenzene	13.25	105	21878	5.350	ug/l	97
86) p-Isopropyltoluene	13.36	119	19370	5.279	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	16385	5.152	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	17410	5.342	ug/l	95
89) n-Butylbenzene	13.69	91	18662	4.753	ug/l	99
90) Hexachloroethane	13.95	117	5022	5.176	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	13242	5.216	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	894	5.194	ug/l	95

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

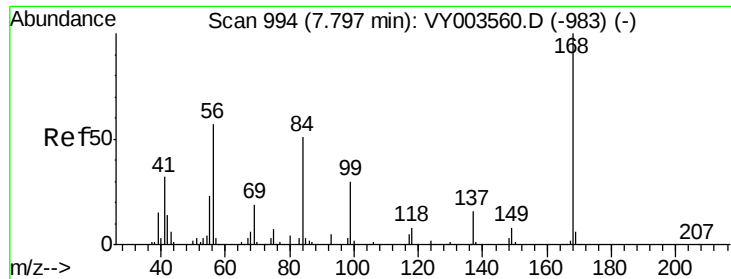
Manual Integrations
APPROVED

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11/23/2020 1:39:19 PM

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 00:32:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	6831	4.798	ug/l	97
94) Hexachlorobutadiene	15.11	225	5066	6.260	ug/l	94
95) Naphthalene	15.23	128	10782	4.438	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	5329	5.092	ug/l	96

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



#1

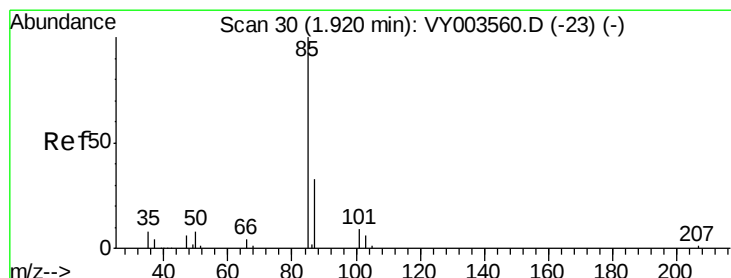
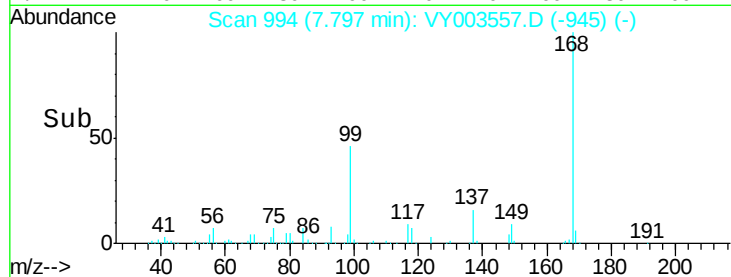
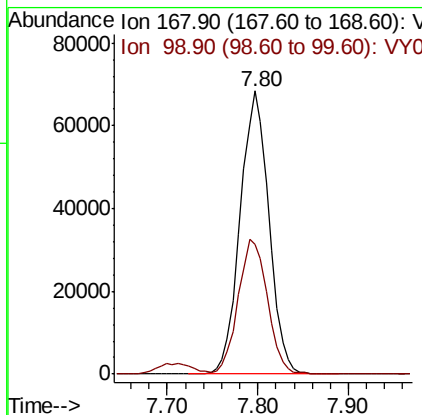
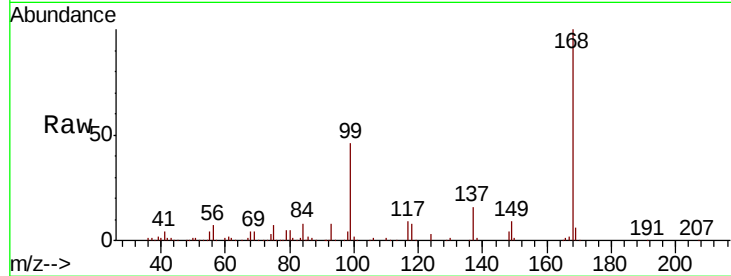
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
168	100		
99	45.7	37.6	56.4

Manual Integrations
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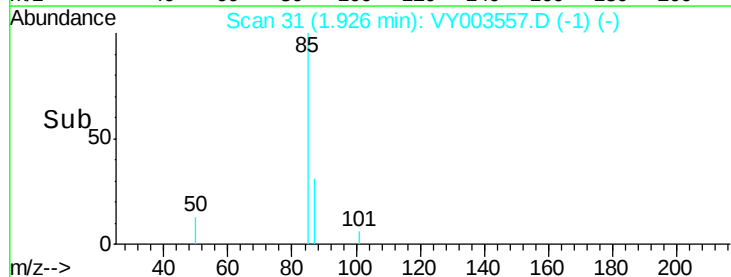
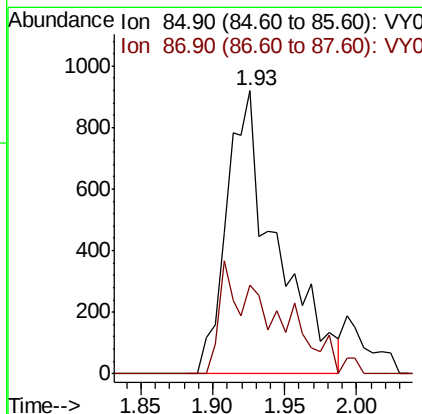
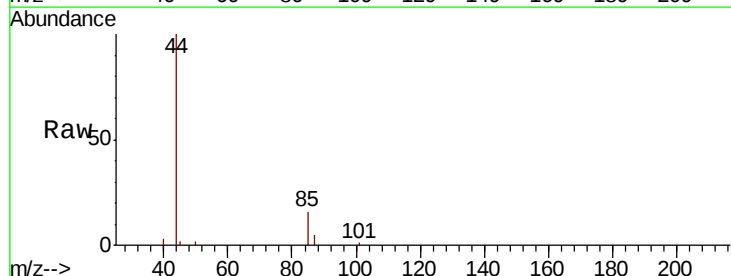
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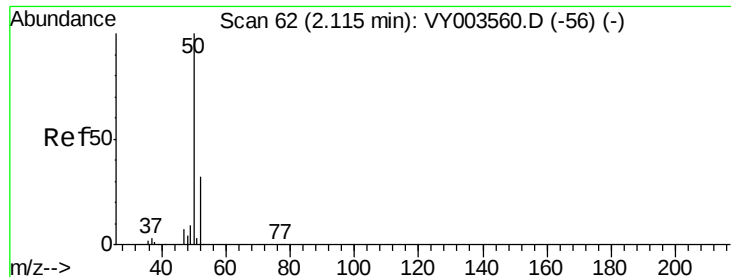


#2

Dichlorodifluoromethane
 Concen: 4.992 ug/l
 RT: 1.93 min Scan# 31
 Delta R.T. 0.01 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.5	49.5





#3

Chloromethane

Concen: 6.017 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 6284

Ion Ratio Lower Upper

50 100

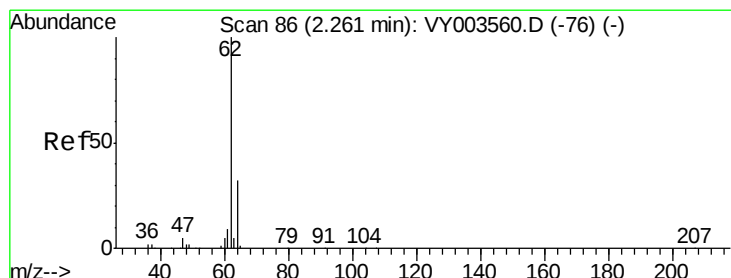
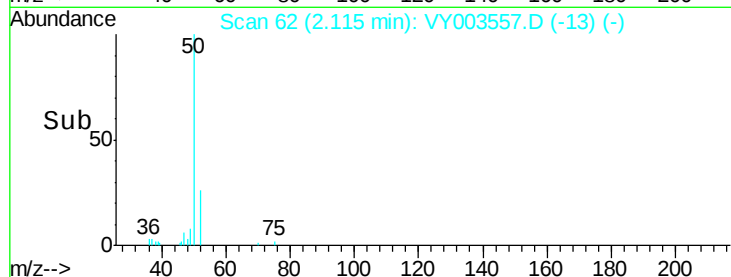
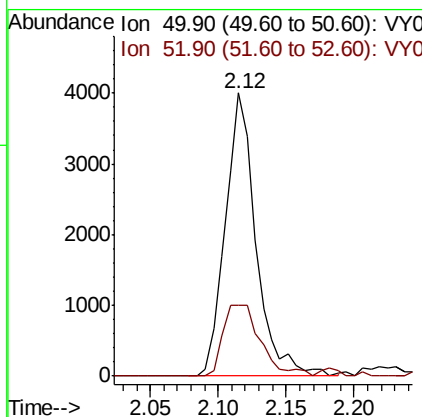
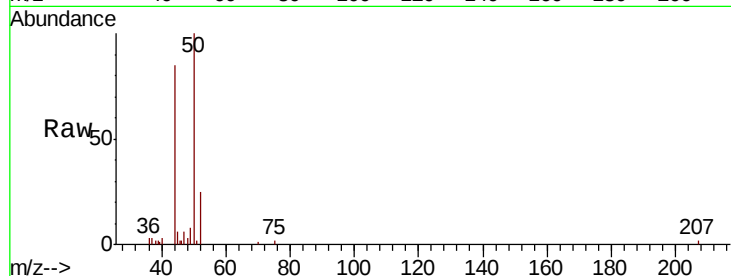
52 25.3 25.8 38.6#

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.277 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY003557.D

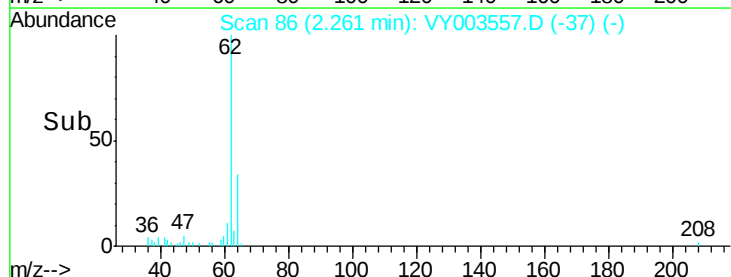
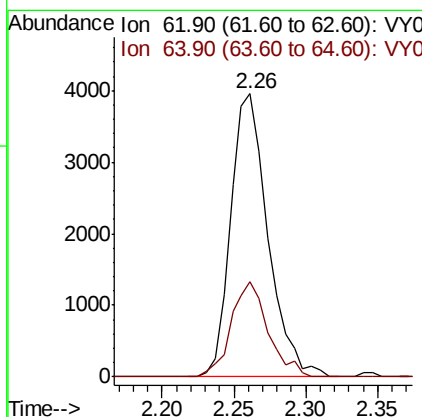
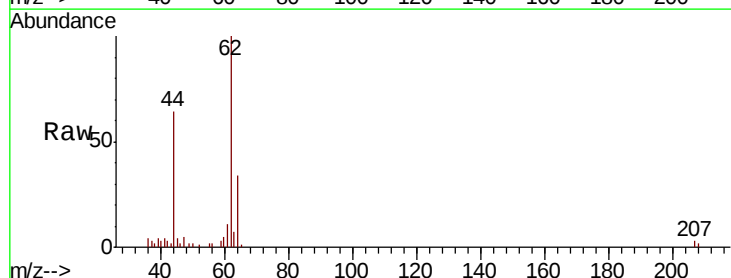
Acq: 20 Nov 2020 10:15

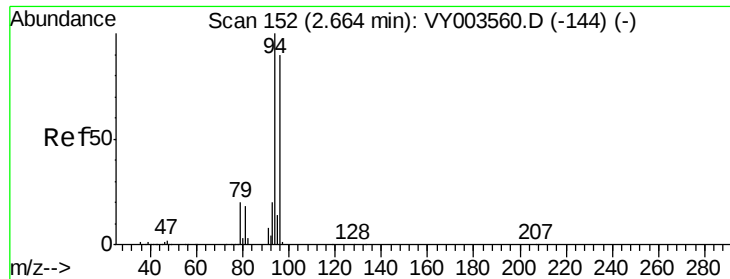
Tgt Ion: 62 Resp: 7130

Ion Ratio Lower Upper

62 100

64 33.5 25.6 38.4





#5

Bromomethane

Concen: 5.608 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 6338

Ion Ratio Lower Upper

94 100

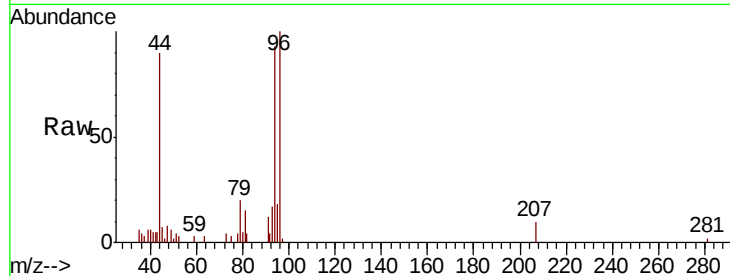
96 107.5 71.9 107.9

Manual Integrations

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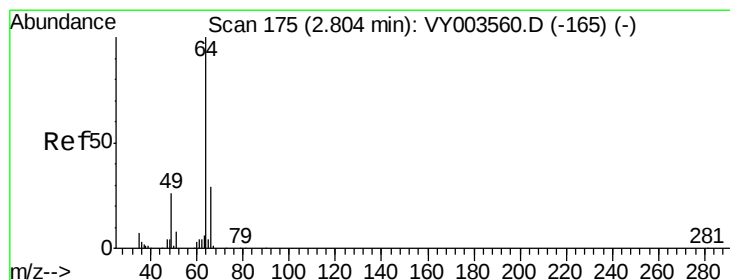
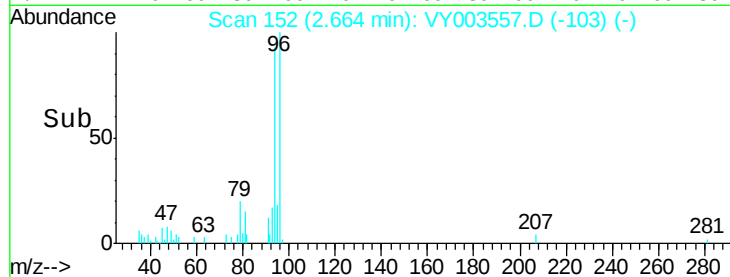
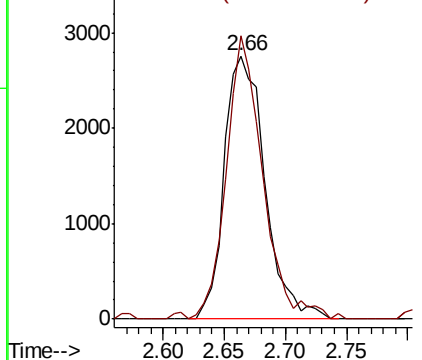
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 5.274 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003557.D

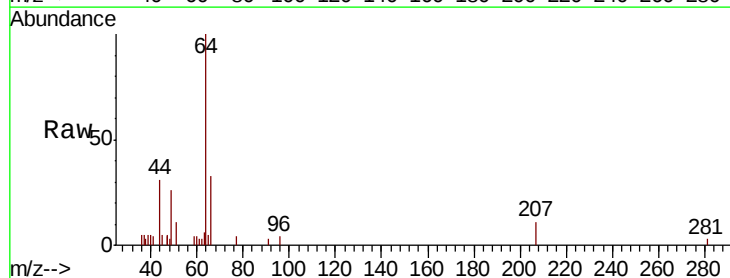
Acq: 20 Nov 2020 10:15

Tgt Ion: 64 Resp: 4997

Ion Ratio Lower Upper

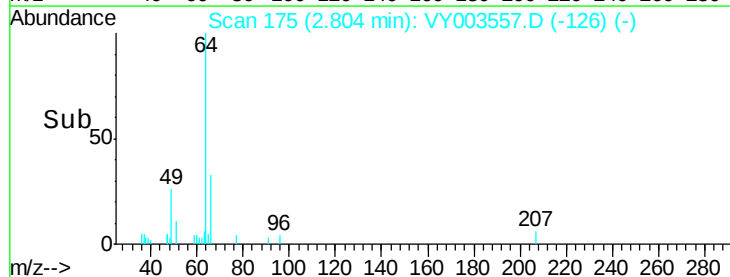
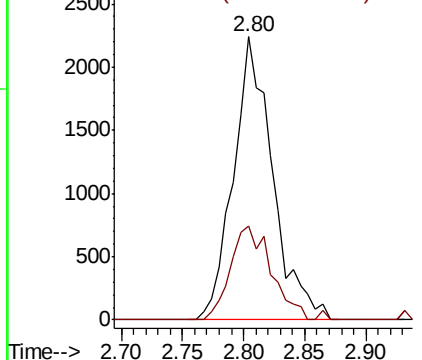
64 100

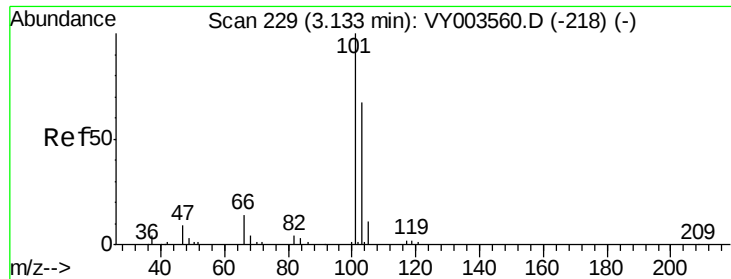
66 33.1 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

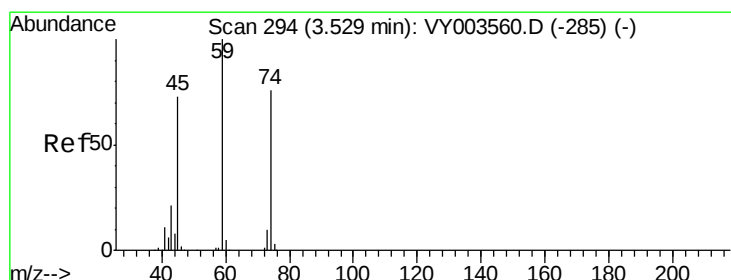
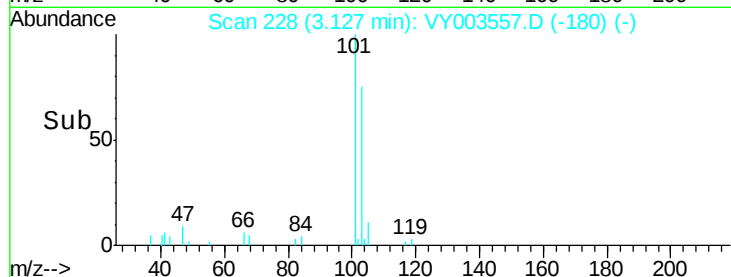
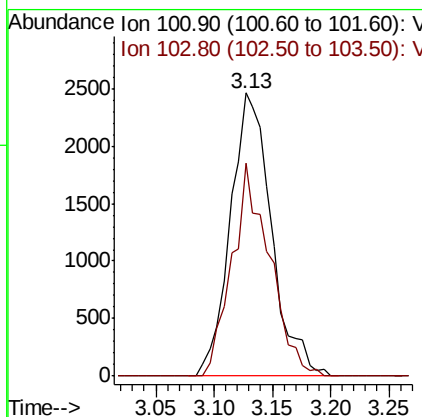
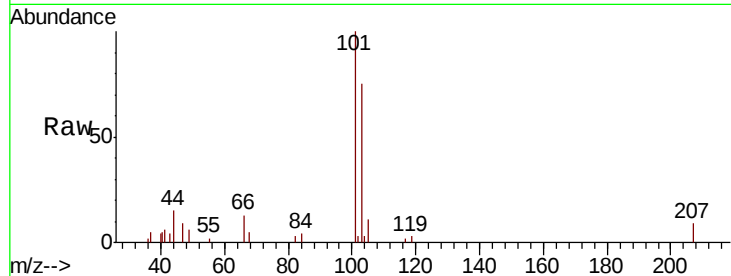
Trichlorofluoromethane
Concen: 5.074 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	75.4	53.3	79.9

Manual Integrations
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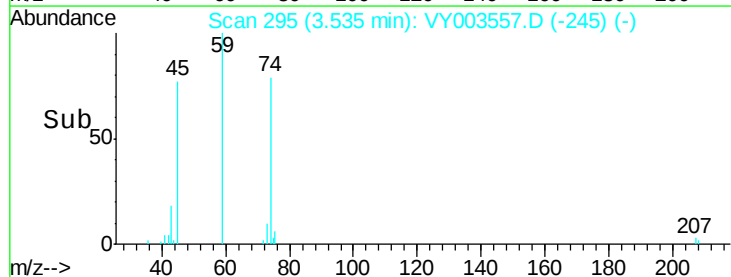
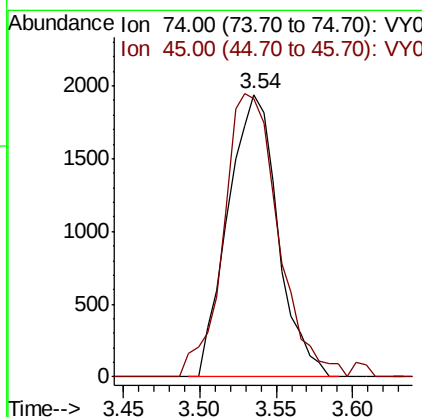
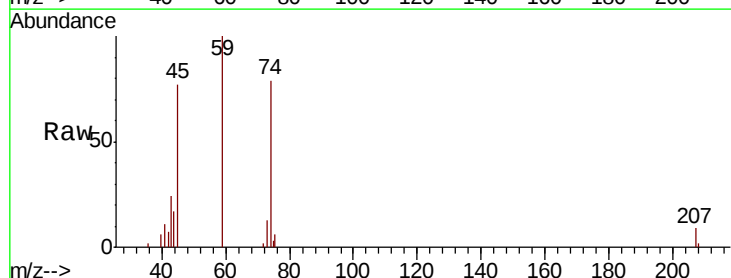
MMDadoda
11/23/2020 1:39:19 PM

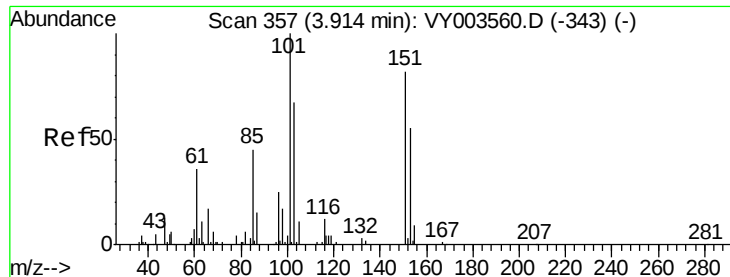


#8

Diethyl Ether
Concen: 5.071 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.9	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.271 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

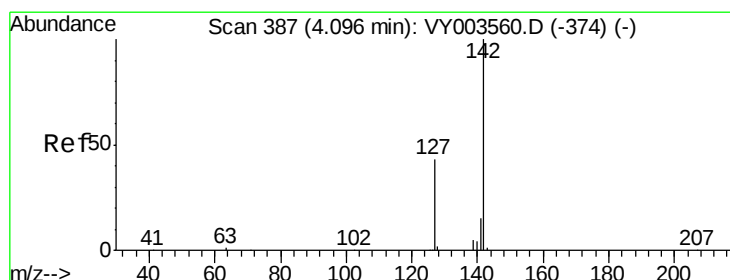
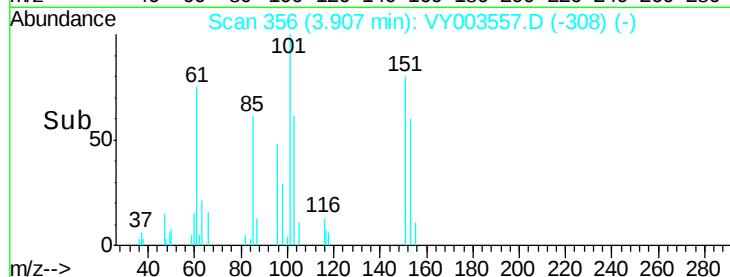
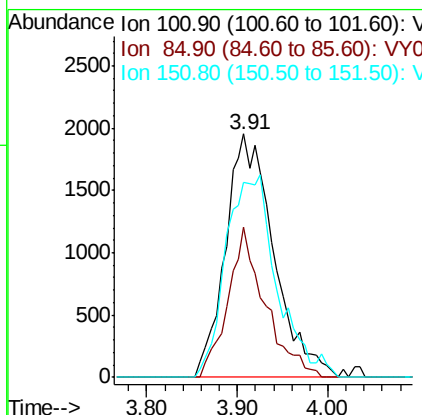
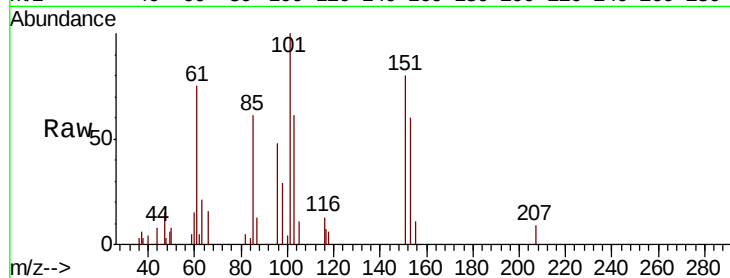
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	7212
Ion Ratio	Lower	Upper	
101	100		
85	47.4	35.9	53.9
151	85.9	65.4	98.0

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#10

Methyl Iodide

Concen: 5.226 ug/l

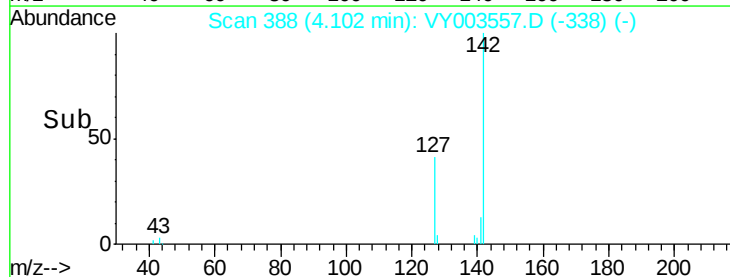
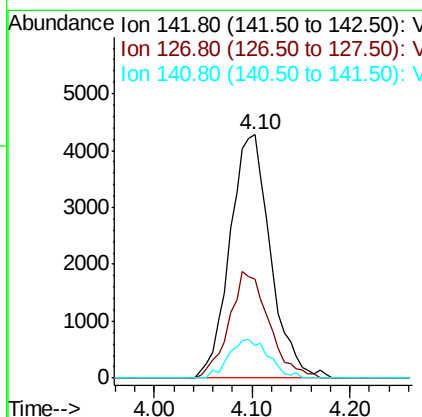
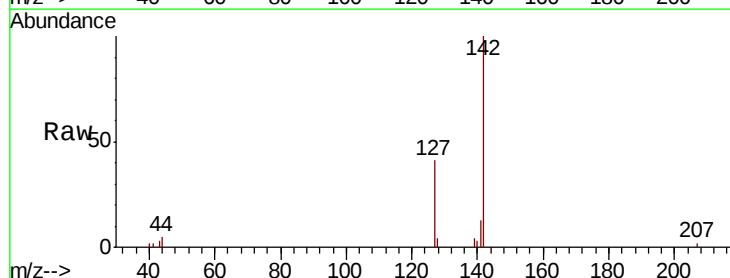
RT: 4.10 min Scan# 388

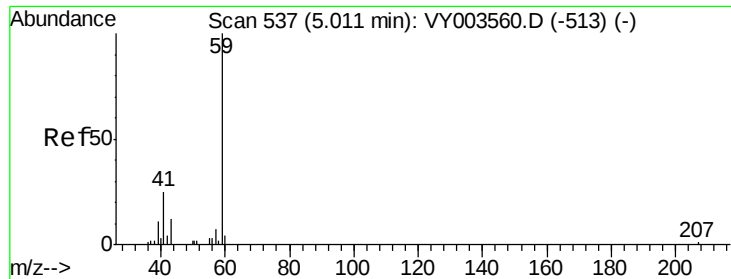
Delta R.T. 0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Tgt Ion:	142	Resp:	12338
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.2	51.2
141	15.5	11.5	17.3





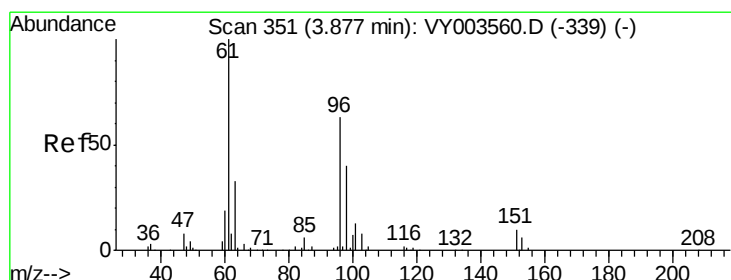
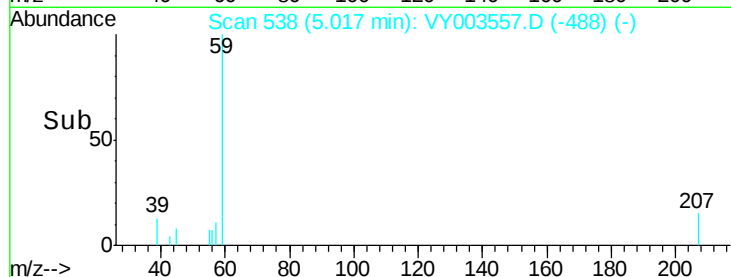
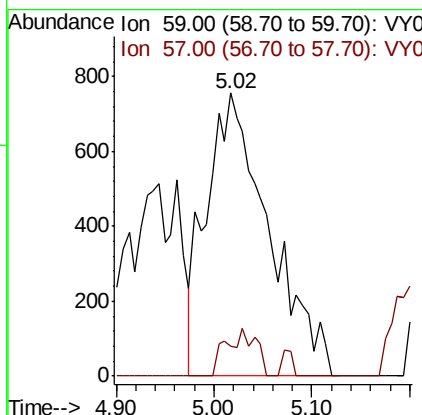
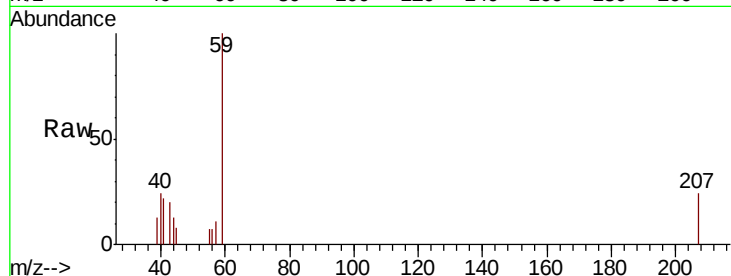
#11
Tert butvl alcohol
Concen: 22.433 ug/l
RT: 5.02 min Scan# 538
Delta R.T. 0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 59 Resp: 3341
Ion Ratio Lower Upper
59 100
57 3.7 0.0 0.0#

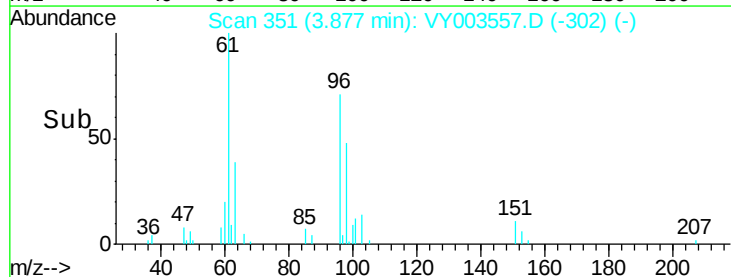
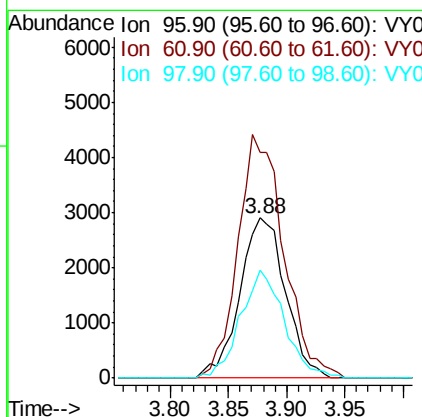
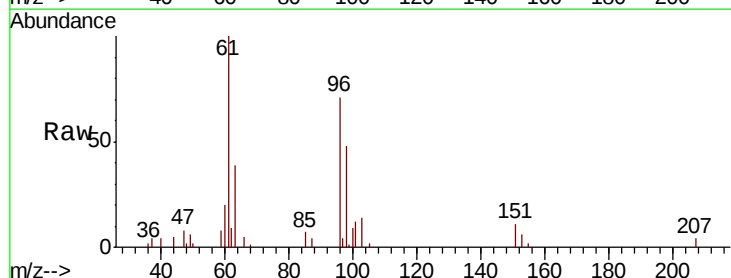
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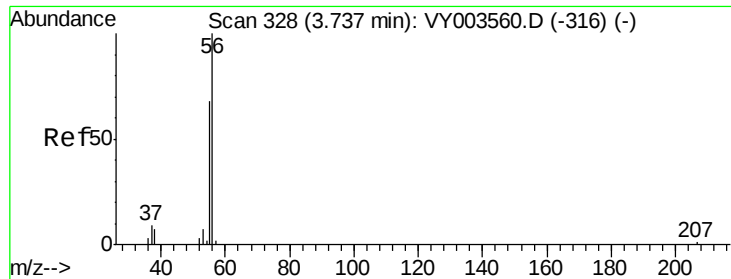
MMDadoda
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#12
1,1-Dichloroethene
Concen: 5.331 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion: 96 Resp: 7903
Ion Ratio Lower Upper
96 100
61 141.0 127.3 190.9
98 67.4 50.6 76.0





#13

Acrolein

Concen: 24.906 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 3715

Ion Ratio Lower Upper

56 100

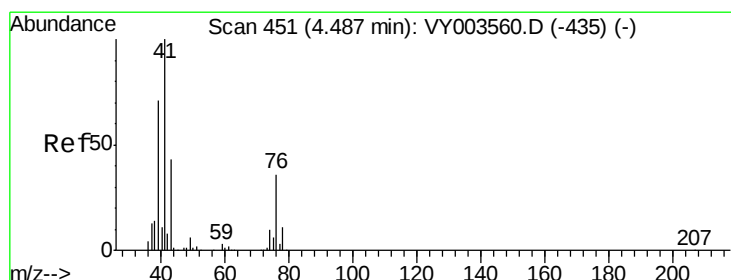
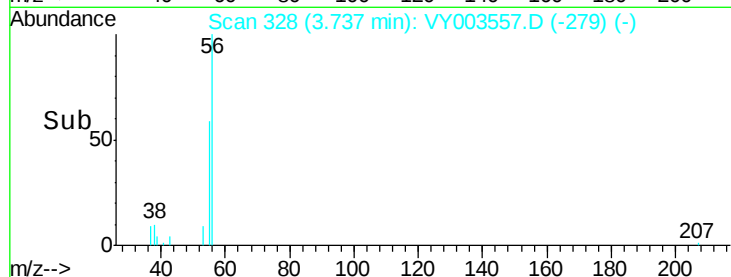
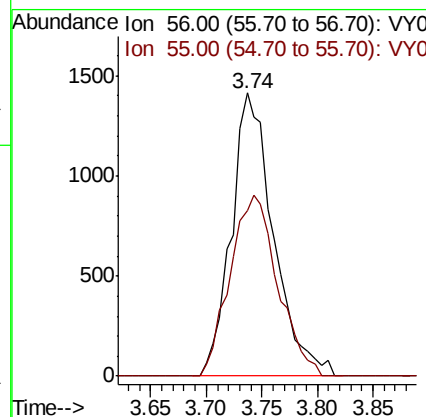
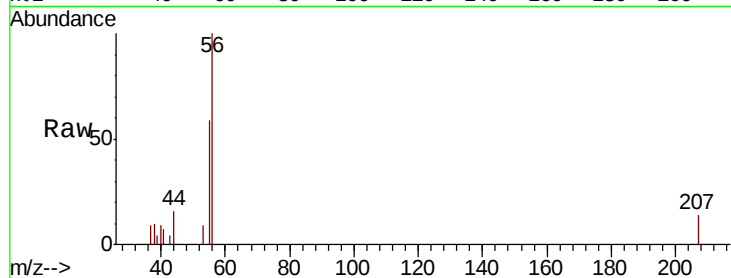
55 72.0 54.6 81.8

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#14

Allyl chloride

Concen: 5.052 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

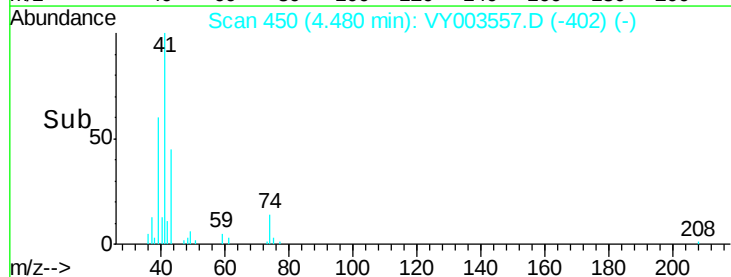
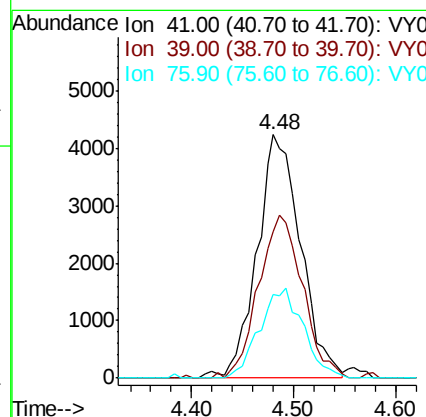
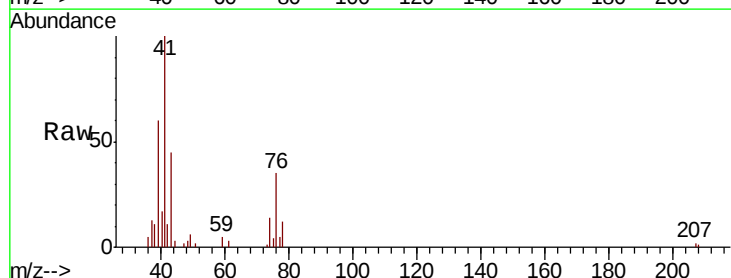
Tgt Ion: 41 Resp: 12554

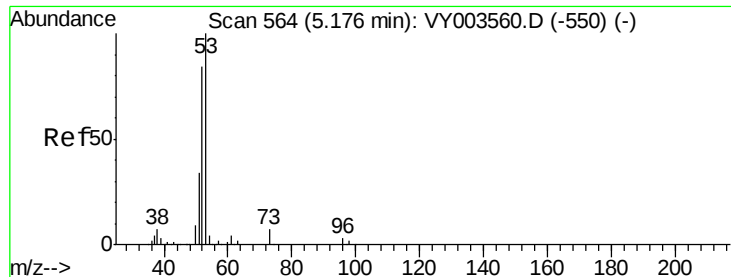
Ion Ratio Lower Upper

41 100

39 67.6 54.2 81.2

76 36.9 28.9 43.3





#15

Acrylonitrile

Concen: 25.274 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

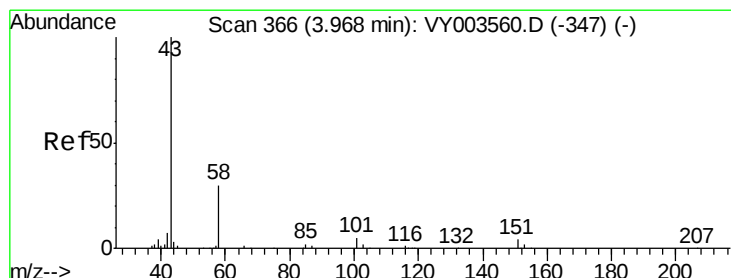
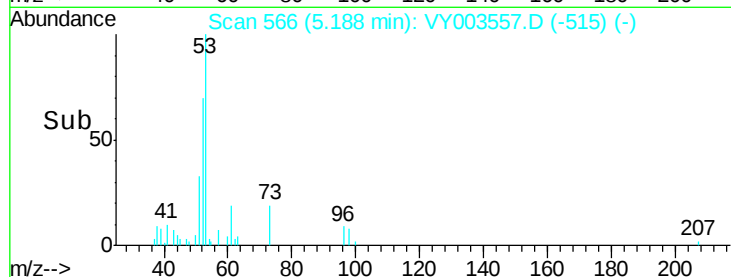
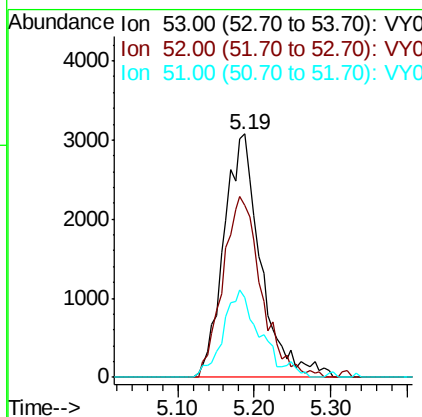
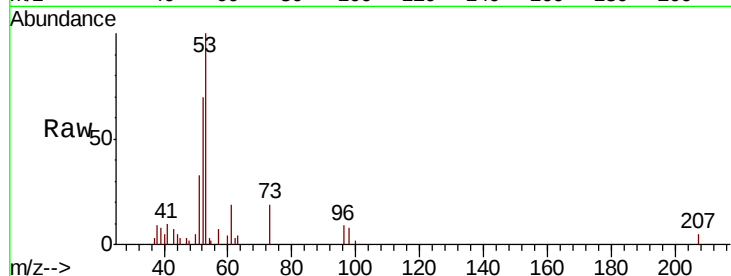
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	10280
Ion	Ratio	Lower	Upper
53	100		
52	77.6	66.4	99.6
51	34.3	29.0	43.4

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#16

Acetone

Concen: 22.373 ug/l

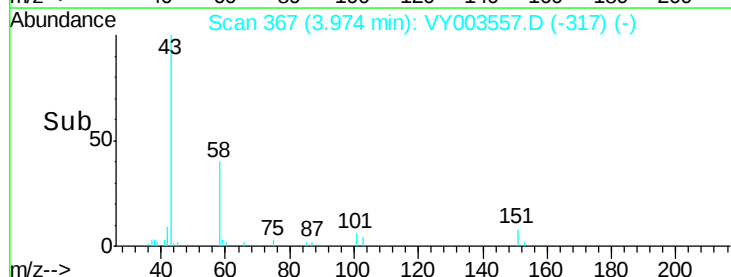
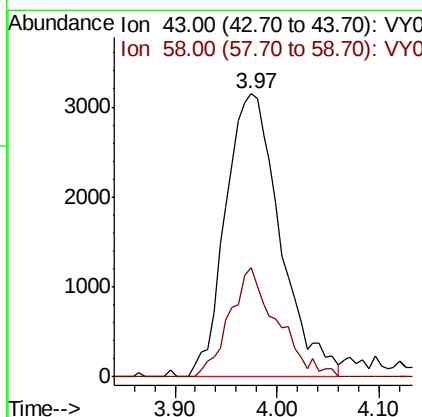
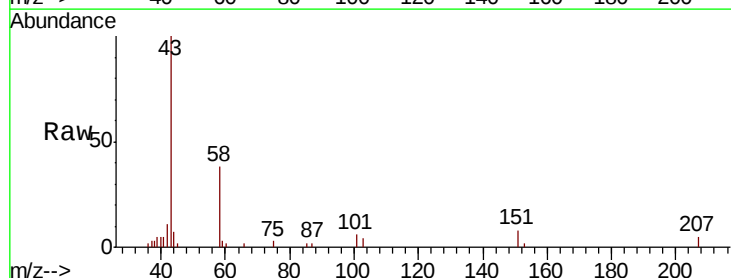
RT: 3.97 min Scan# 367

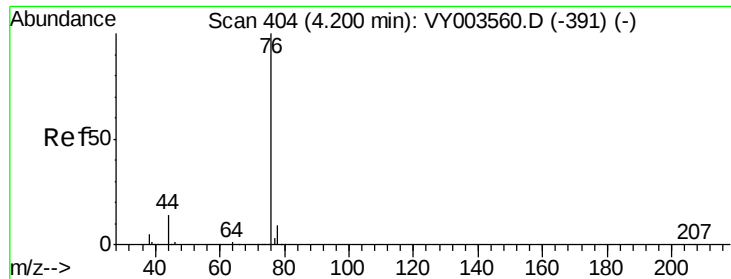
Delta R.T. 0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Tgt Ion:	43	Resp:	11678
Ion	Ratio	Lower	Upper
43	100		
58	38.5	23.8	35.8#





#17

Carbon Disulfide

Concen: 5.637 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 24055

Ion Ratio Lower Upper

76 100

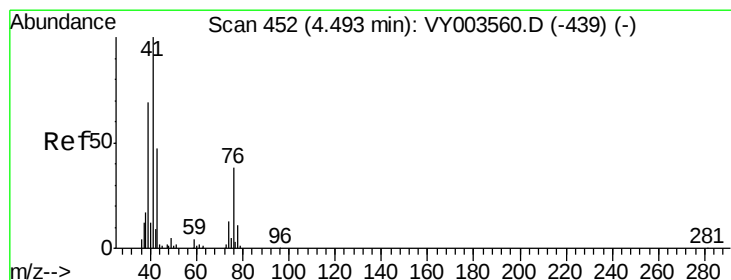
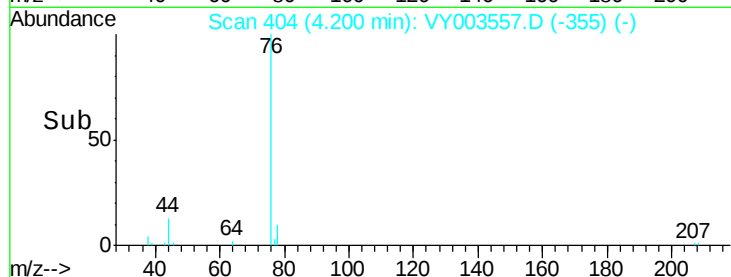
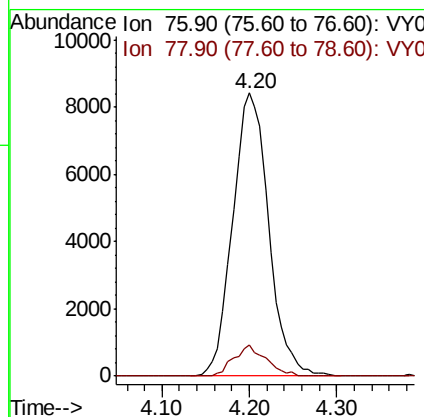
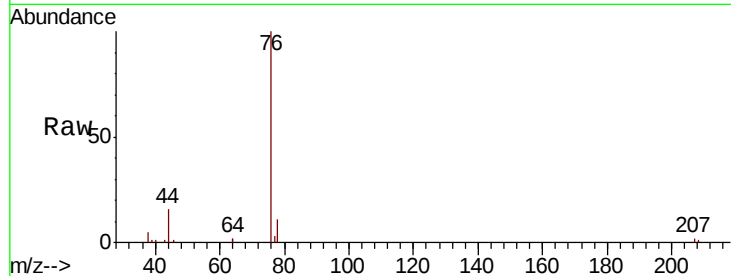
78 11.2 7.1 10.7#

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#18

Methyl Acetate

Concen: 6.025 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003557.D

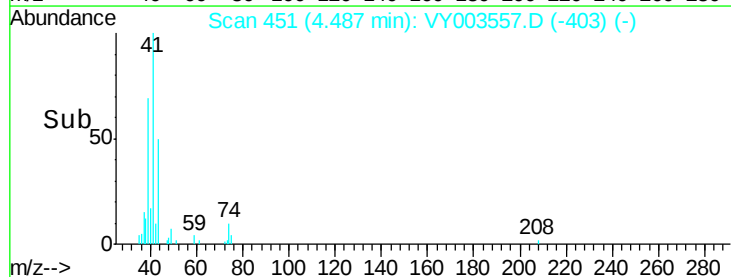
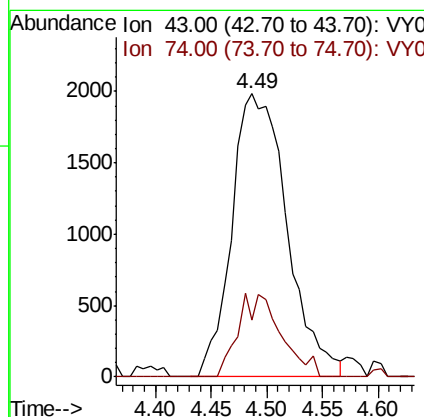
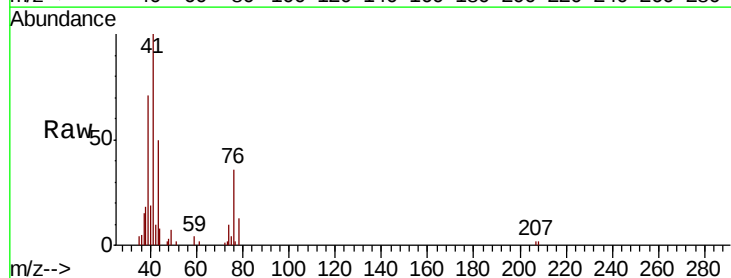
Acq: 20 Nov 2020 10:15

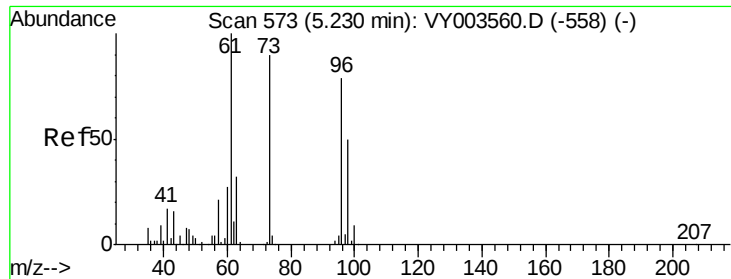
Tgt Ion: 43 Resp: 6842

Ion Ratio Lower Upper

43 100

74 22.8 18.9 28.3





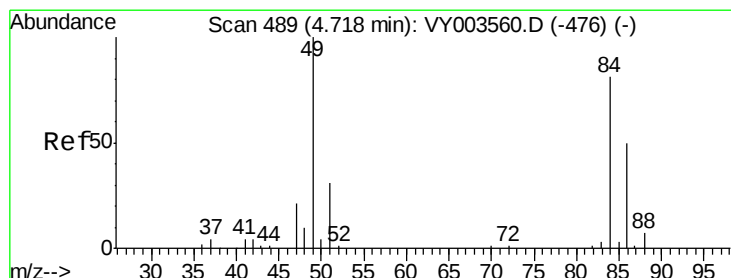
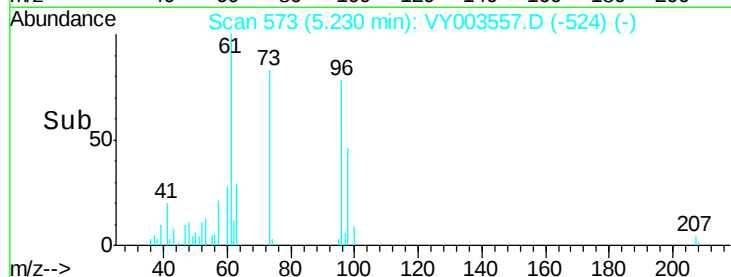
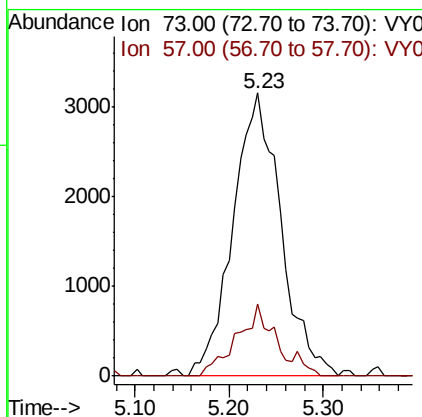
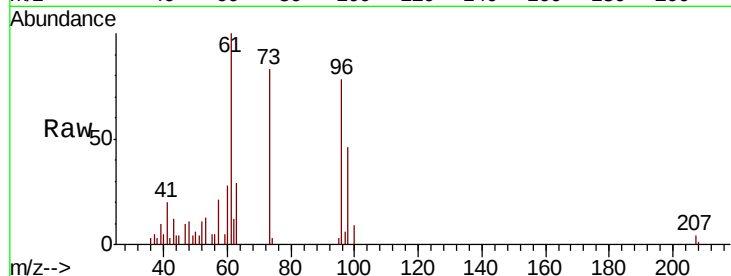
#19
Methvl tert-butvl Ether
Concen: 5.103 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 11229
Ion Ratio Lower Upper
73 100
57 25.5 18.2 27.2

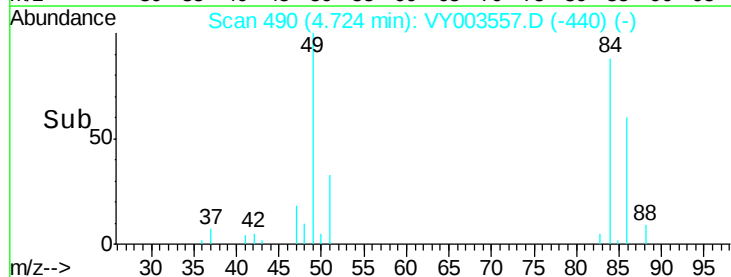
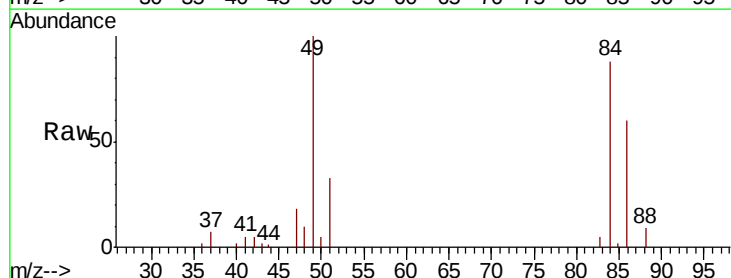
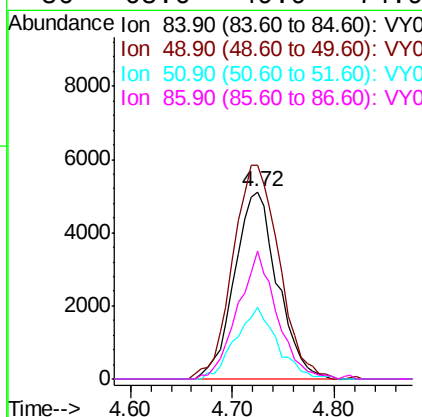
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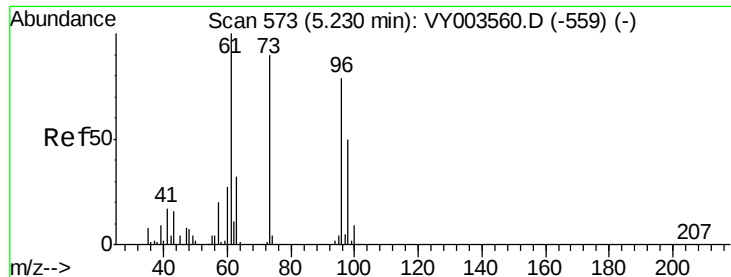
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#20
Methylene Chloride
Concen: 7.556 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion: 84 Resp: 14979
Ion Ratio Lower Upper
84 100
49 114.2 99.0 148.6
51 38.3 30.5 45.7
86 68.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.482 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

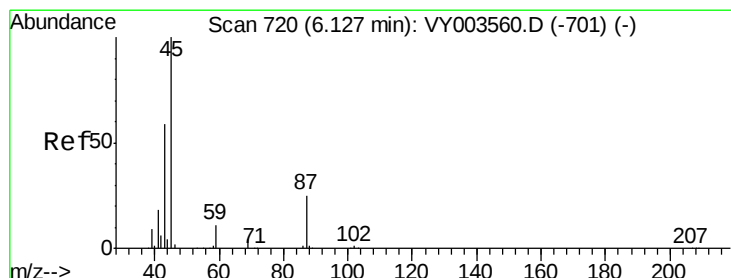
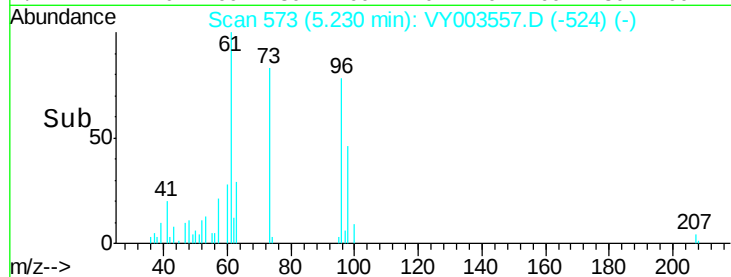
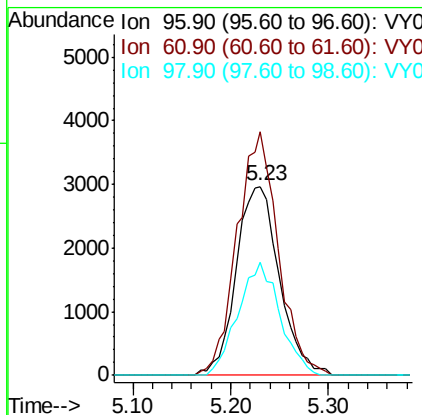
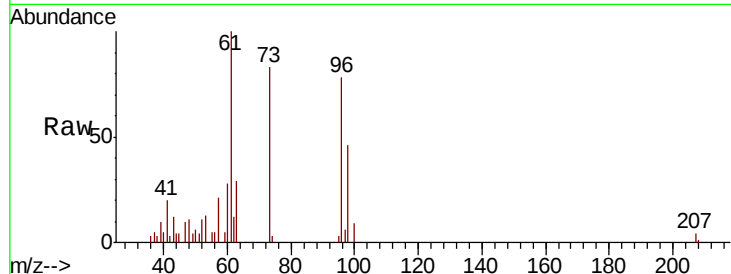
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	9086
Ion	Ratio	Lower	Upper
96	100		
61	129.0	101.0	151.4
98	59.6	50.2	75.2

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#22

Diisopropyl ether

Concen: 4.764 ug/l

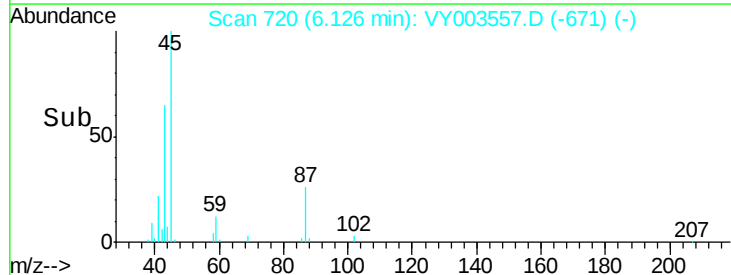
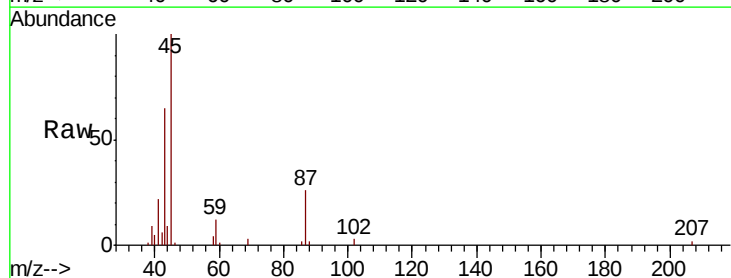
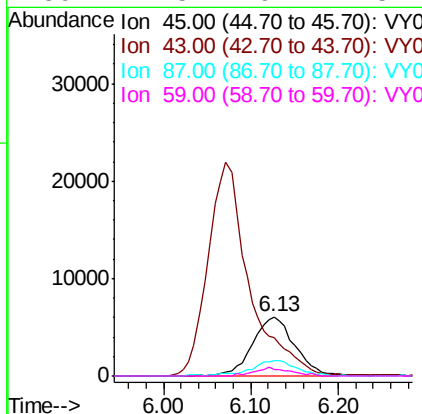
RT: 6.13 min Scan# 720

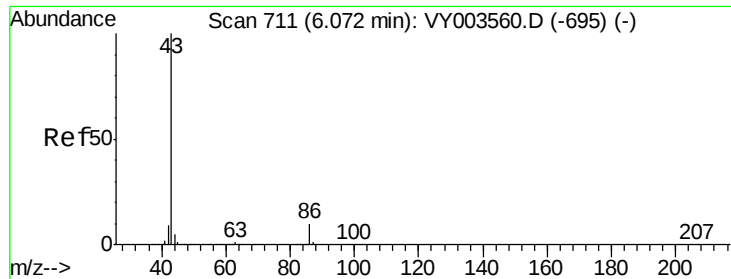
Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Tgt Ion:	45	Resp:	20295
Ion	Ratio	Lower	Upper
45	100		
43	61.9	48.1	72.1
87	26.4	20.3	30.5
59	11.5	9.1	13.7





#23

Vinyl Acetate

Concen: 21.737 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 71972

Ion Ratio Lower Upper

43 100

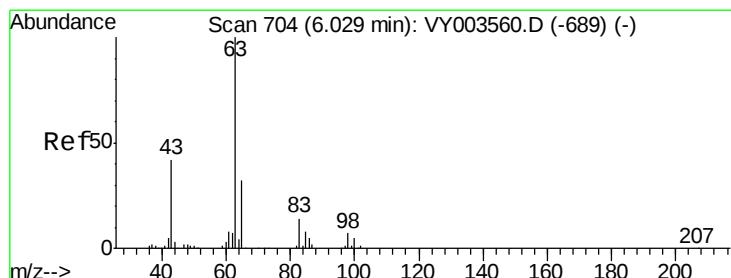
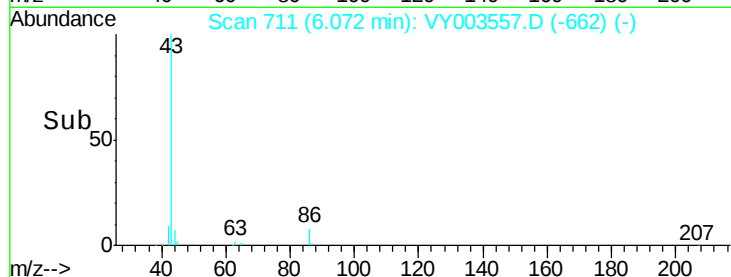
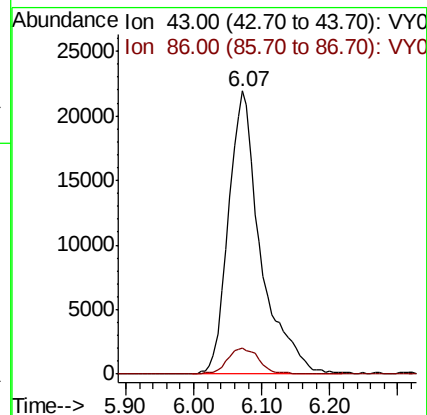
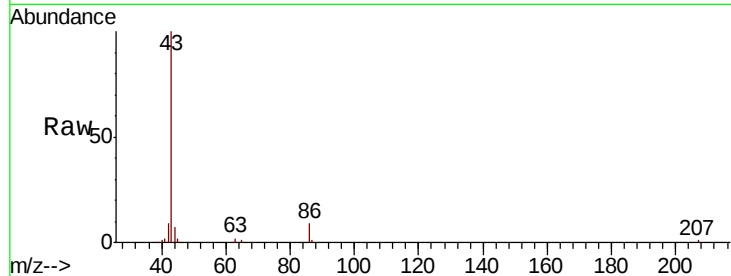
86 9.2 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 5.287 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

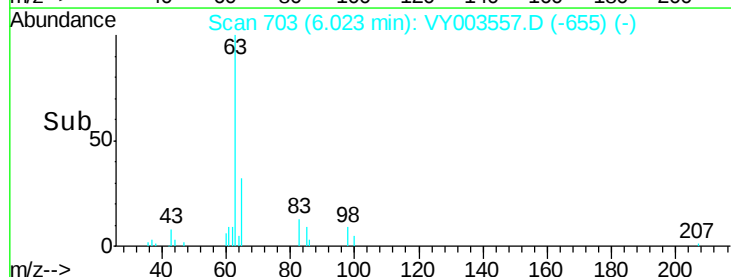
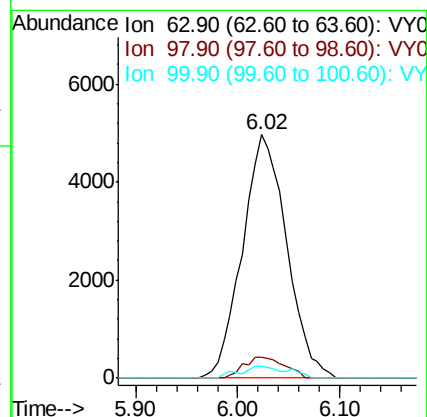
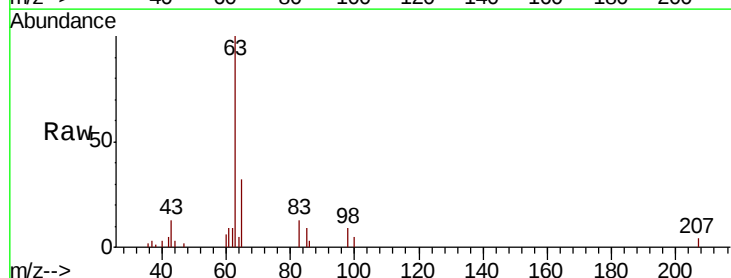
Tgt Ion: 63 Resp: 14991

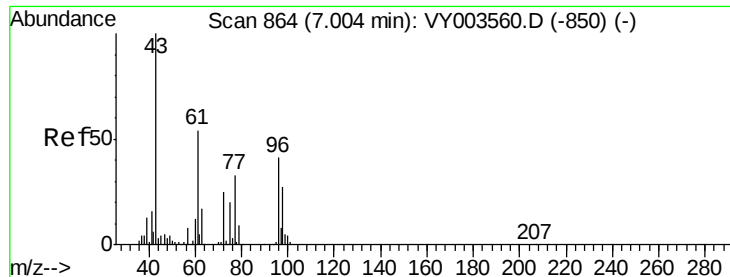
Ion Ratio Lower Upper

63 100

98 8.7 3.4 10.2

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 23.880 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 16174

Ion Ratio Lower Upper

43 100

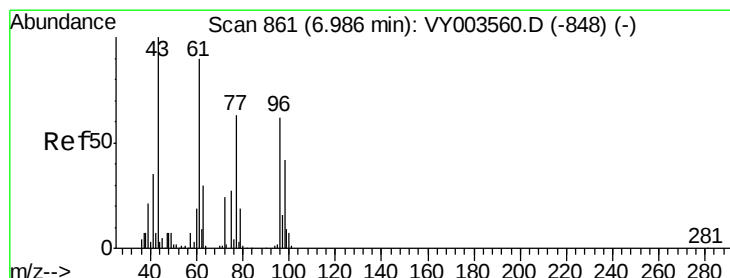
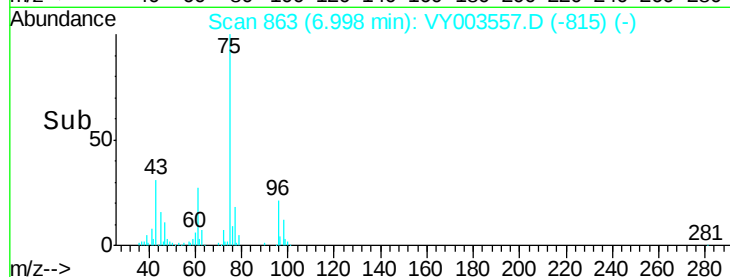
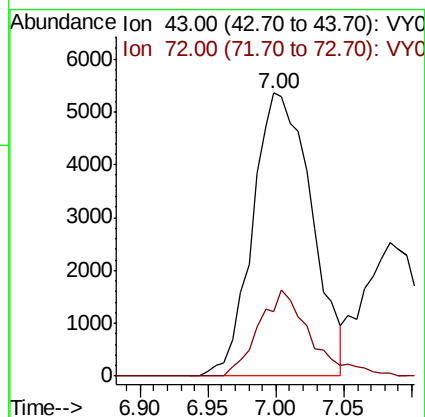
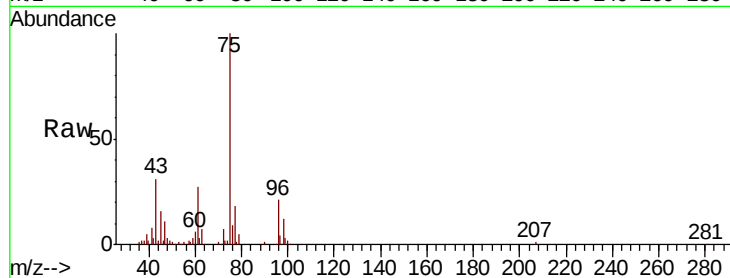
72 22.7 19.8 29.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.933 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY003557.D

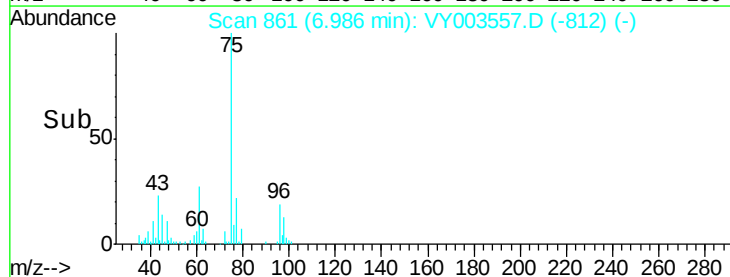
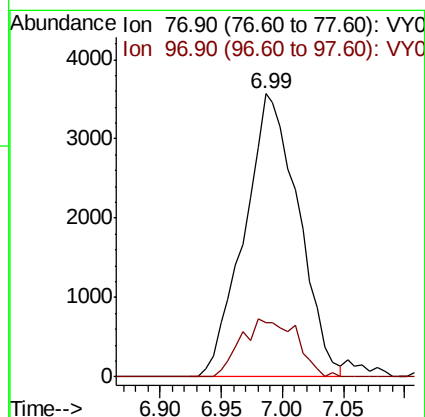
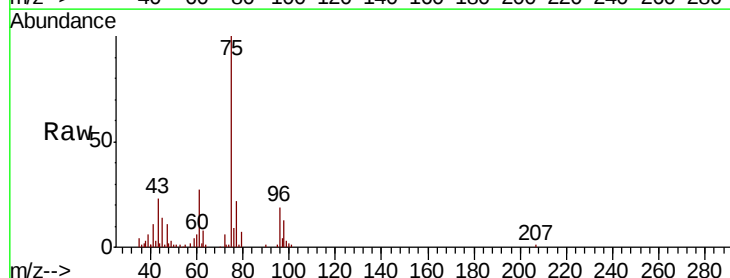
Acq: 20 Nov 2020 10:15

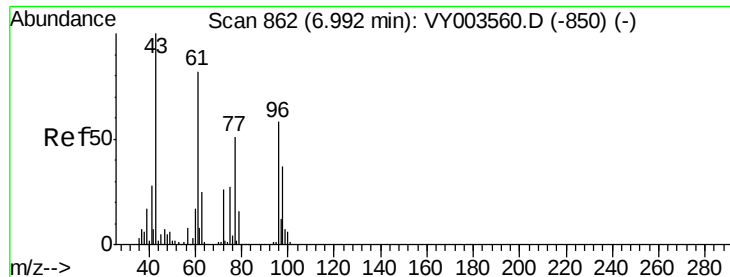
Tgt Ion: 77 Resp: 11000

Ion Ratio Lower Upper

77 100

97 20.9 12.2 36.6





#27

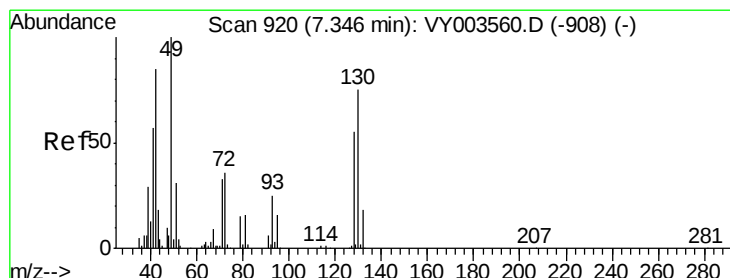
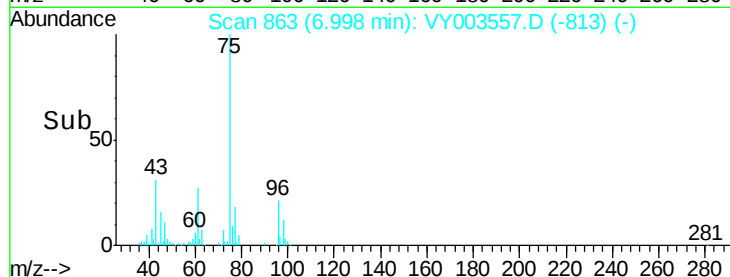
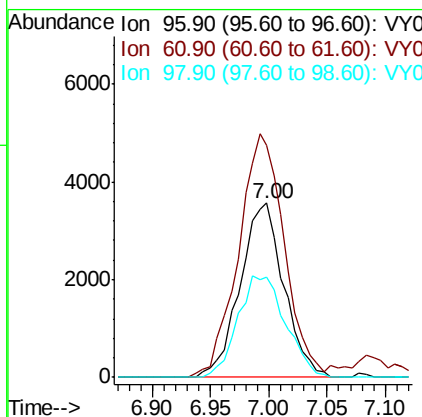
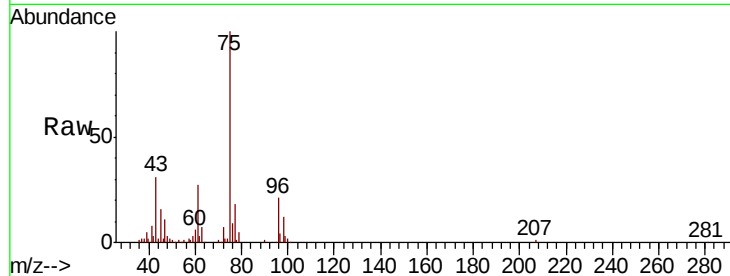
cis-1,2-Dichloroethene
Concen: 5.192 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	274.6
98	63.4	0.0	130.6

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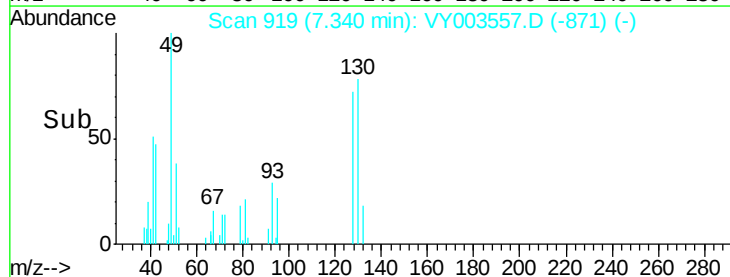
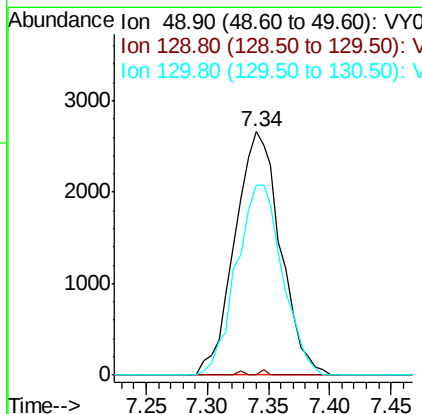
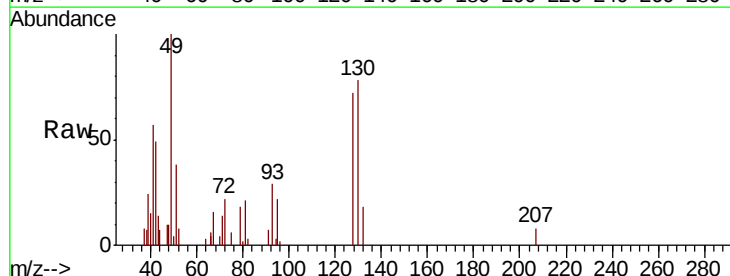
MMDadoda
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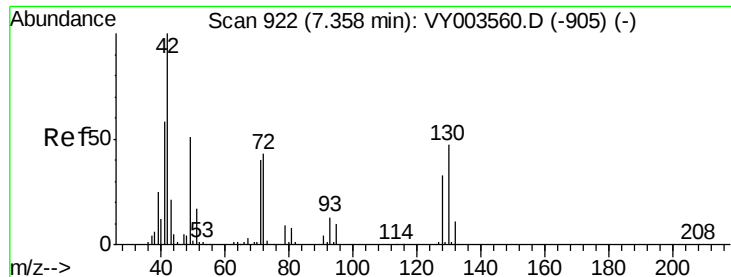


#28

Bromochloromethane
Concen: 4.951 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.4
130	79.0	61.0	91.6





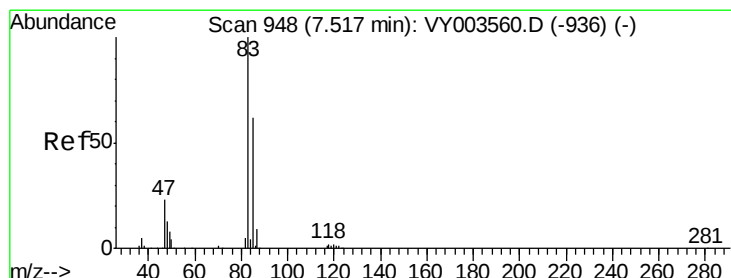
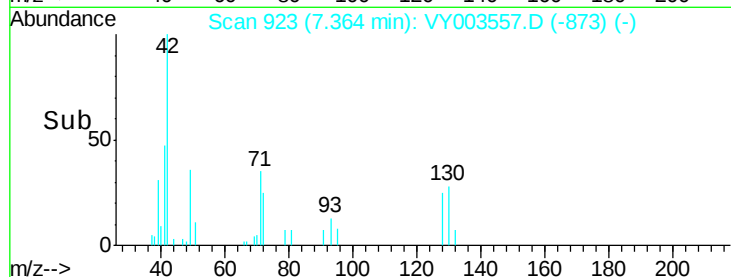
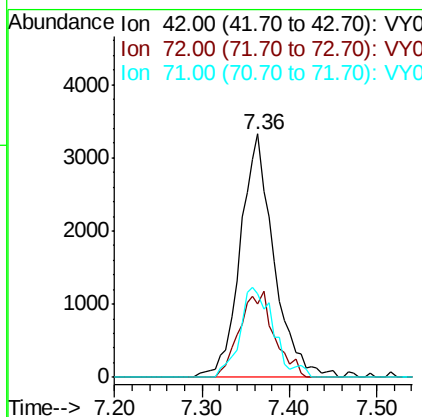
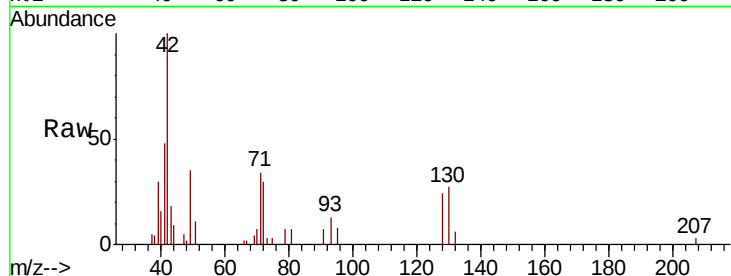
#29
Tetrahydrofuran
Concen: 24.976 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.2	32.6	49.0
71	35.5	30.2	45.2

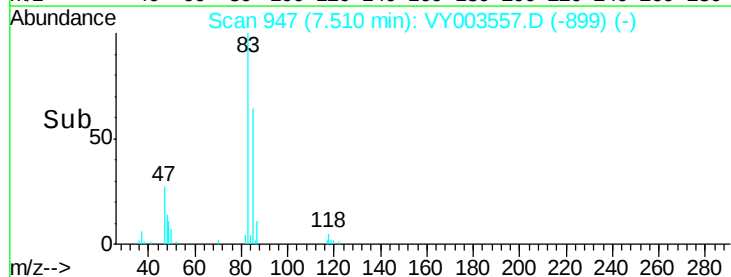
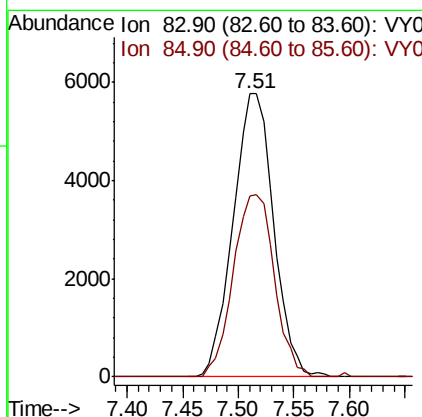
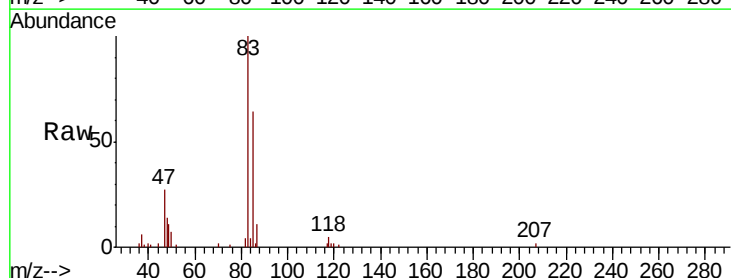
Manual Integrations
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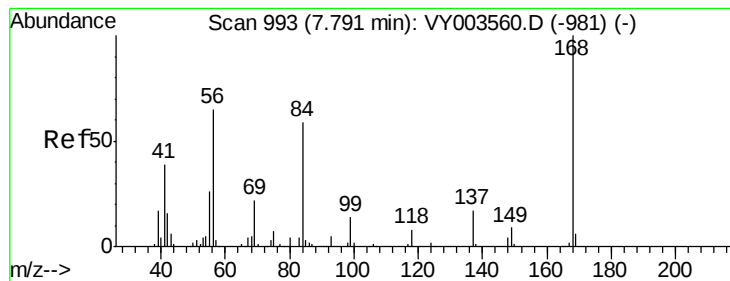
MMDadoda
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#30
Chloroform
Concen: 5.156 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.6	74.4





#31

Cyclohexane

Concen: 5.916 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 13371

Ion Ratio Lower Upper

56 100

69 55.8 27.0 40.6#

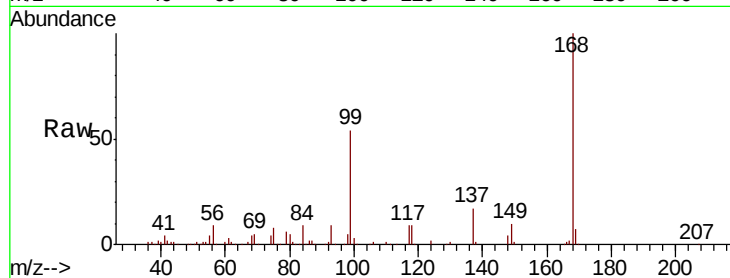
84 96.9 71.8 107.6

Manual Integrations

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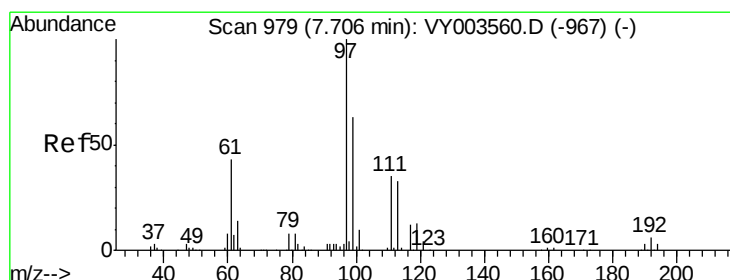
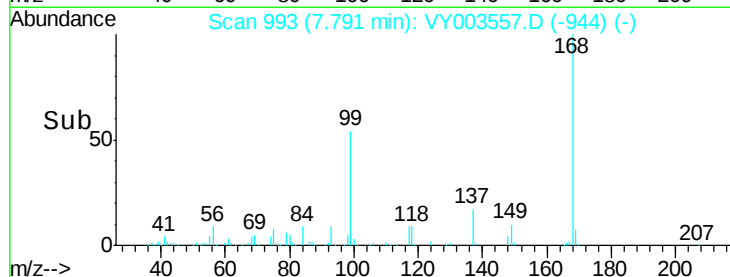
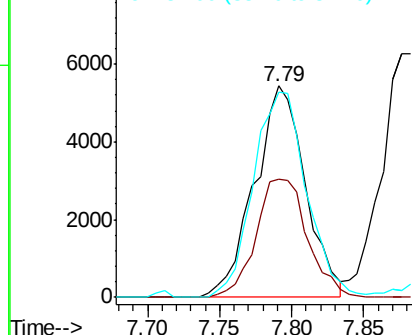


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 5.194 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

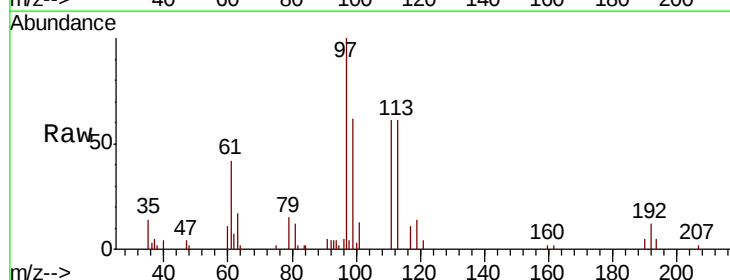
Tgt Ion: 97 Resp: 11356

Ion Ratio Lower Upper

97 100

99 65.1 50.2 75.2

61 43.8 34.1 51.1

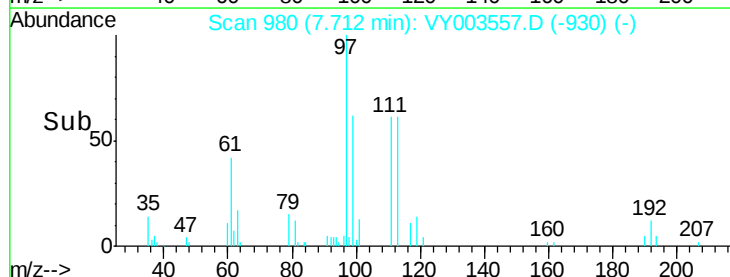
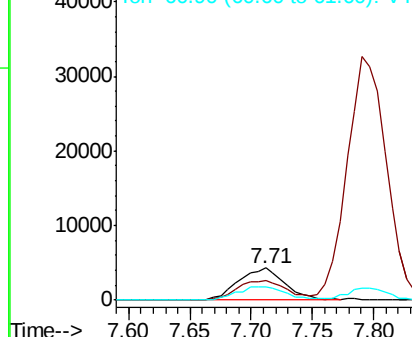


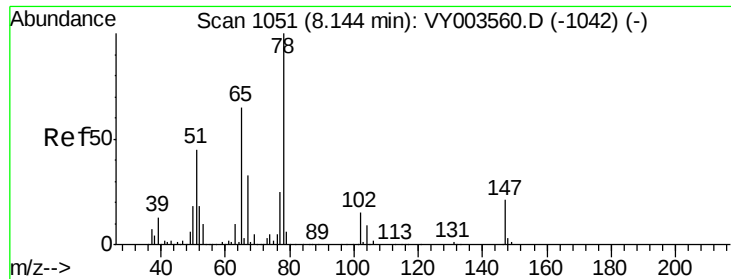
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





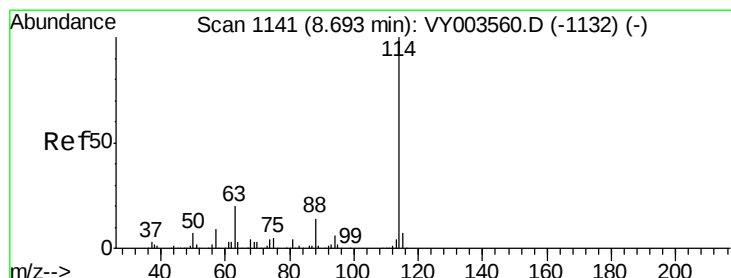
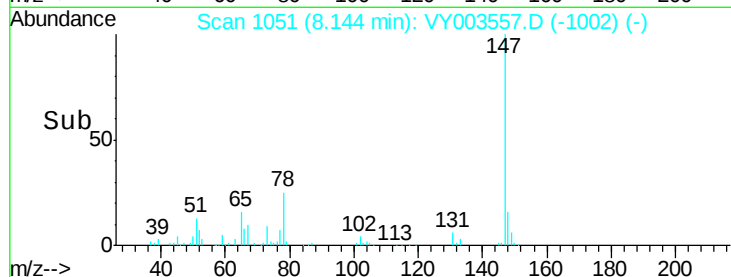
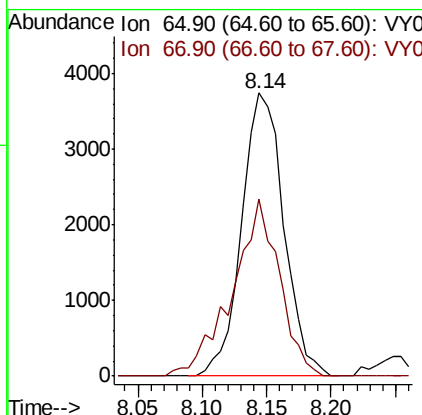
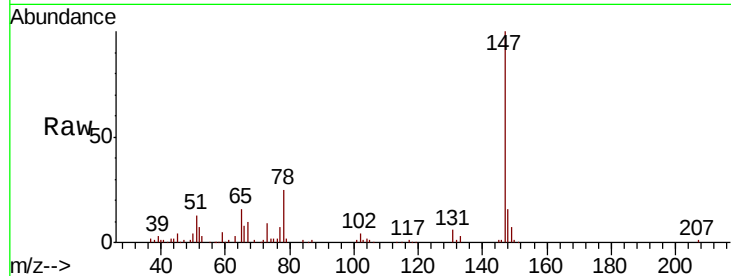
#33
 1,2-Dichloroethane-d4
 Concen: 5.416 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	69.7	0.0	110.2

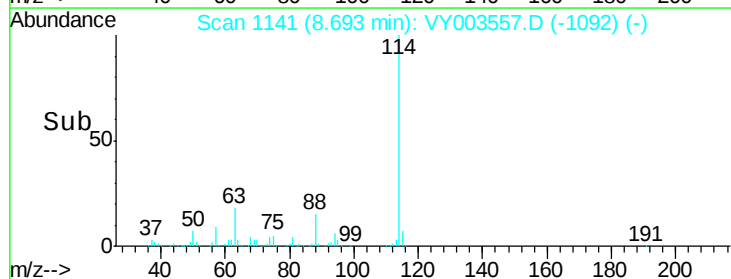
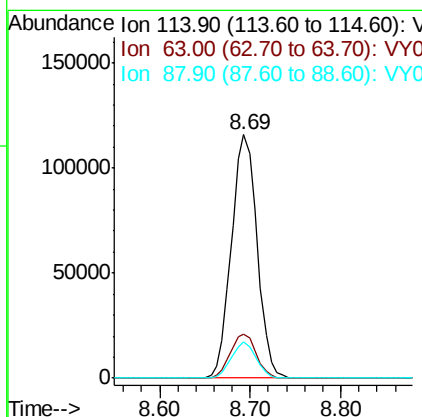
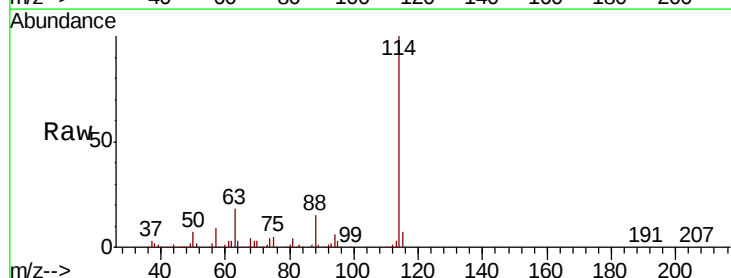
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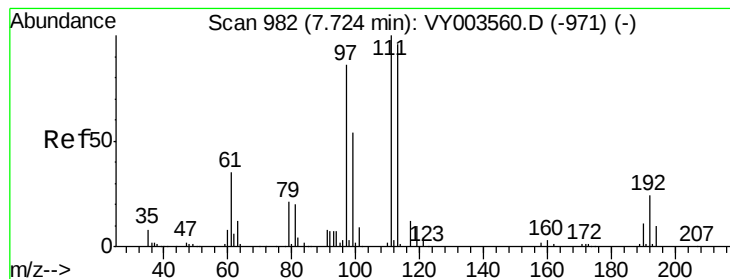
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	39.8
88	14.8	0.0	29.0





#35

Dibromofluoromethane

Concen: 5.147 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:113 Resp: 7732

Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

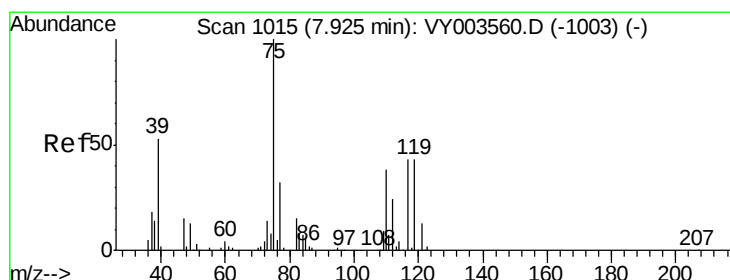
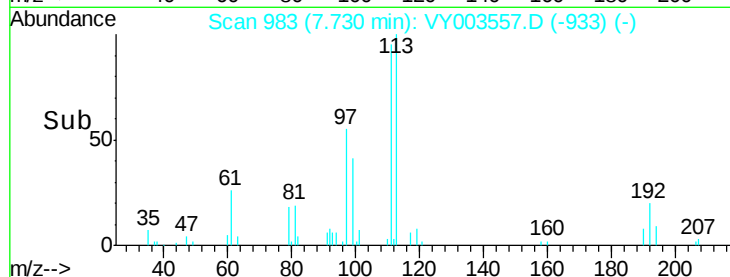
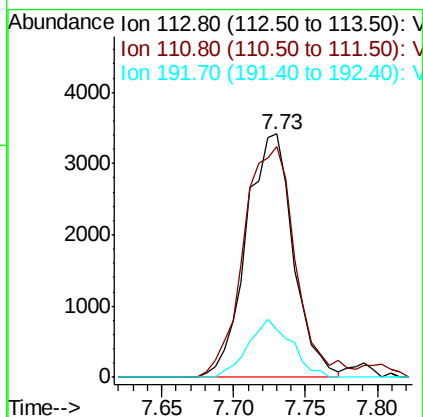
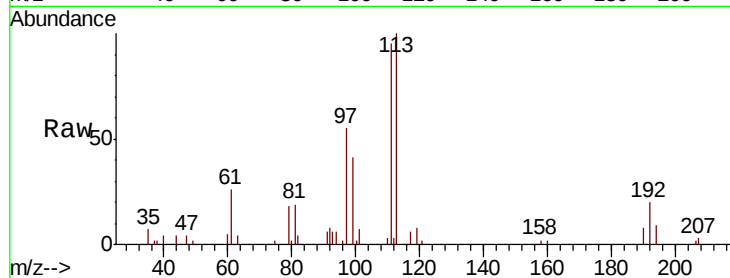
192 21.9 18.1 27.1

Manual Integrations

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11/23/2020 1:39:19 PM



#36

1,1-Dichloropropene

Concen: 5.115 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

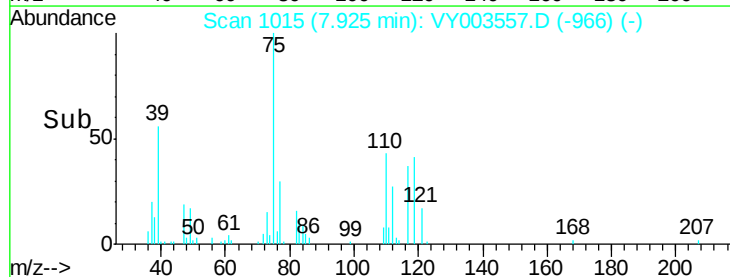
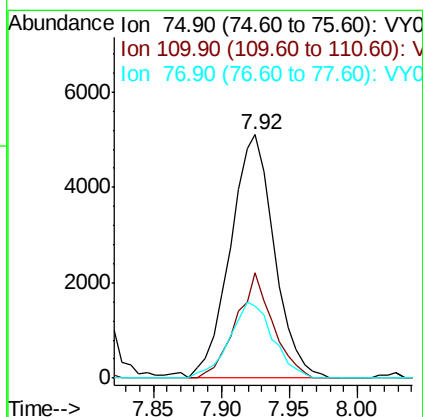
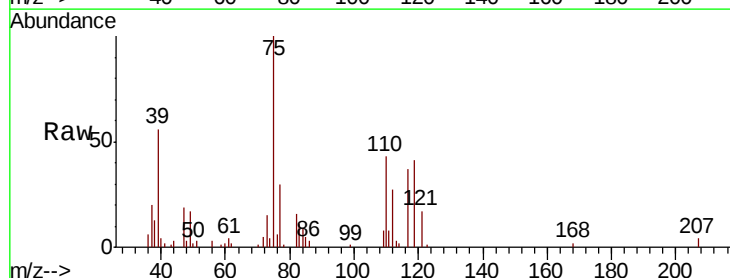
Tgt Ion: 75 Resp: 11508

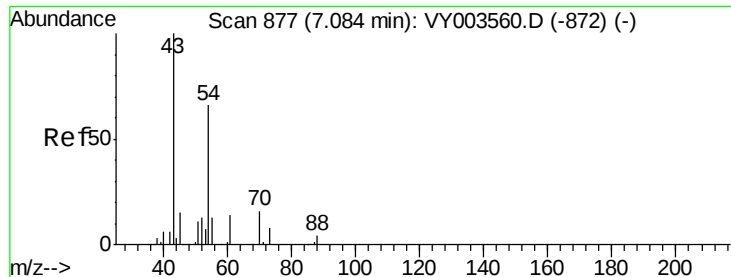
Ion Ratio Lower Upper

75 100

110 36.2 18.7 56.1

77 30.8 25.4 38.2





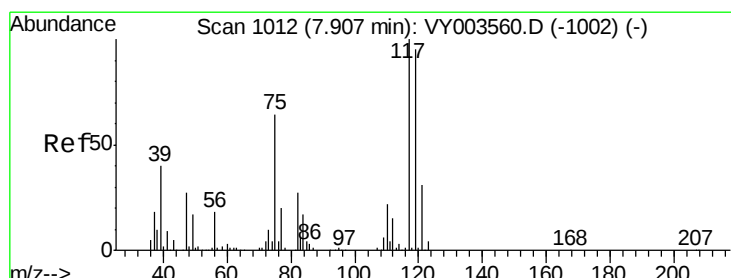
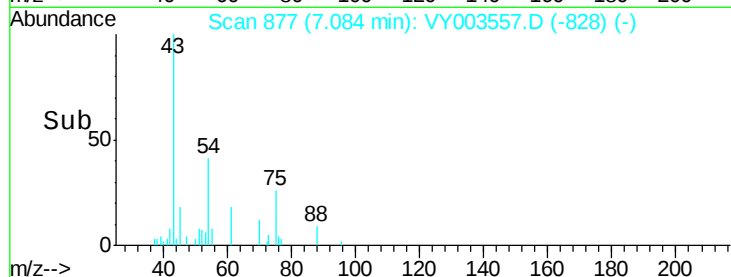
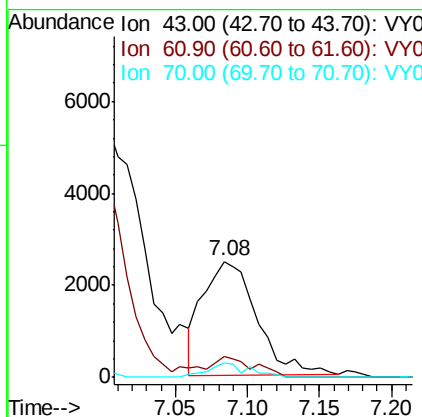
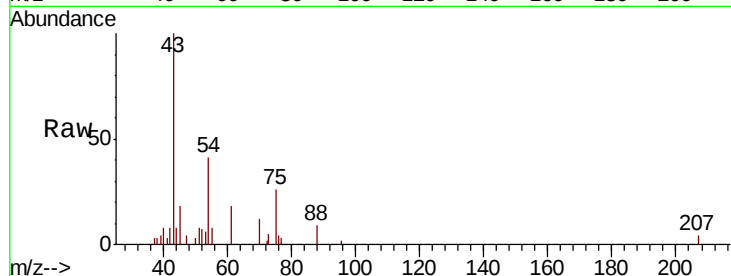
#37
Ethyl Acetate
Concen: 4.719 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.3	15.5
70	9.5	7.5	11.3

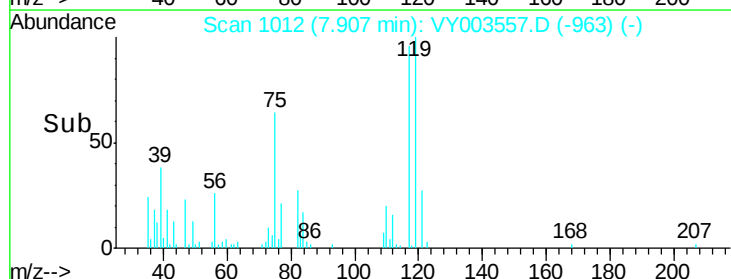
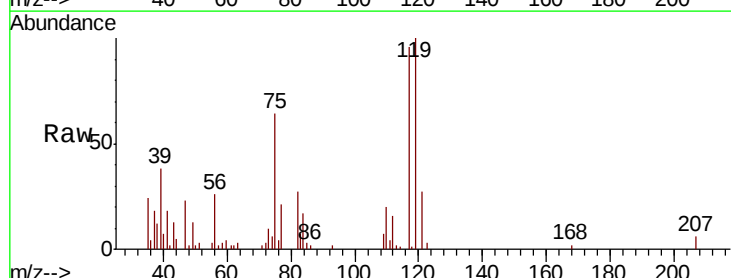
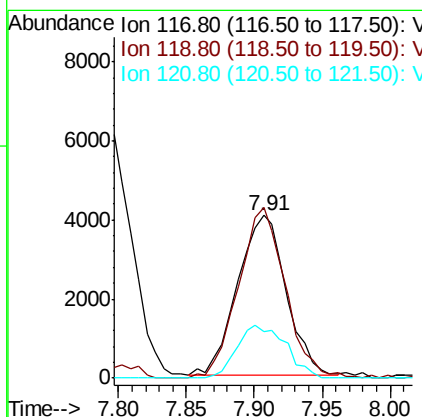
Manual Integrations
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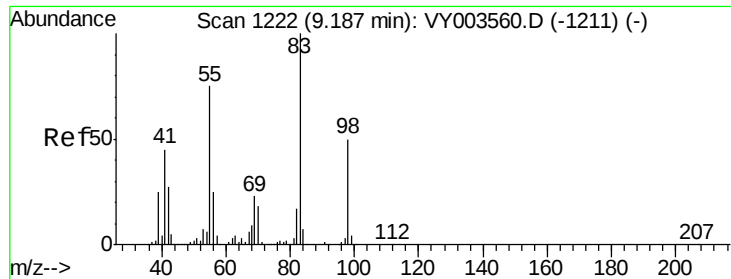
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#38
Carbon Tetrachloride
Concen: 4.835 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	106.5	76.3	114.5
121	29.0	25.1	37.7





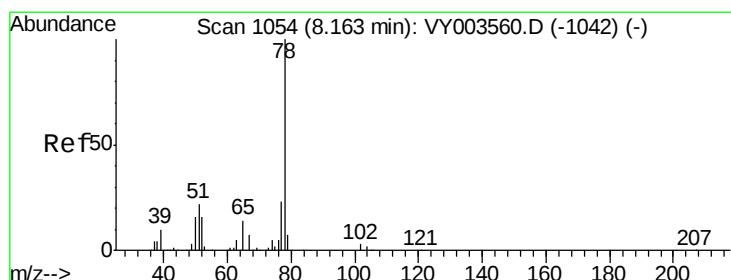
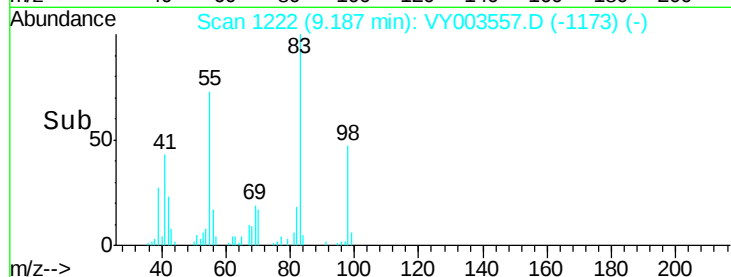
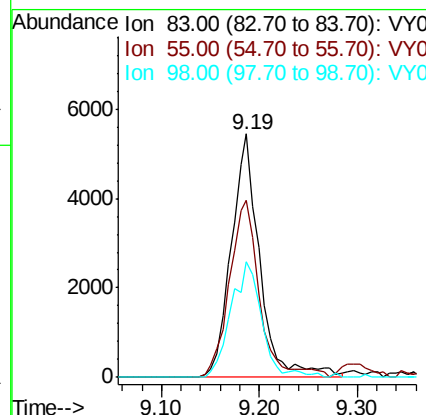
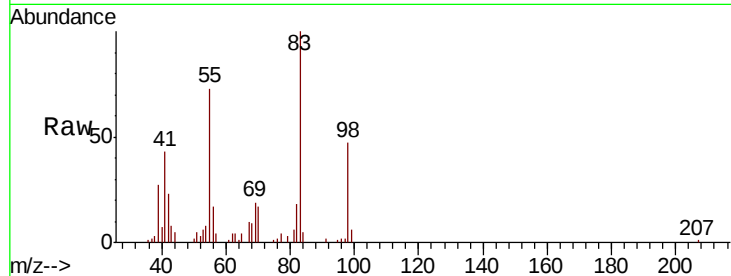
#39
Methylvlcyclohexane
Concen: 4.830 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	60.2	90.4
98	47.3	40.3	60.5

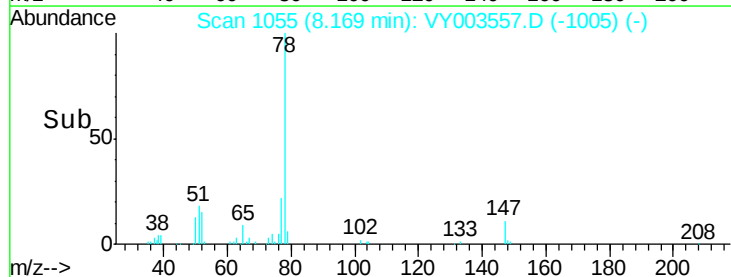
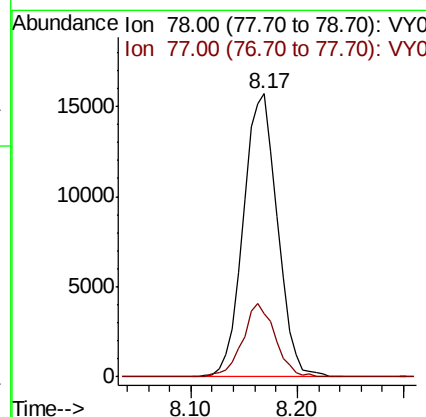
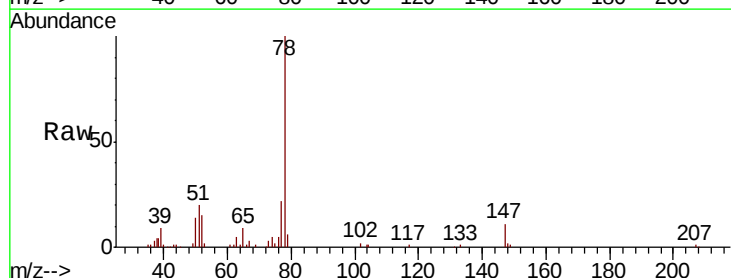
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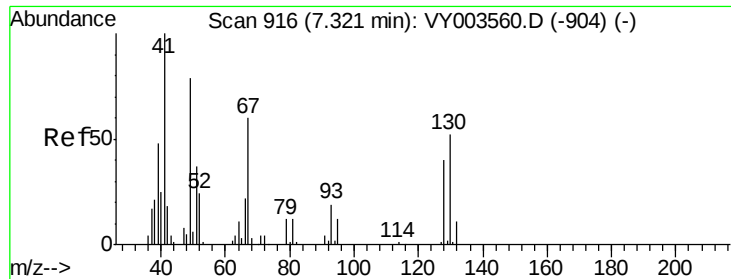
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#40
Benzene
Concen: 5.297 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.6	28.0





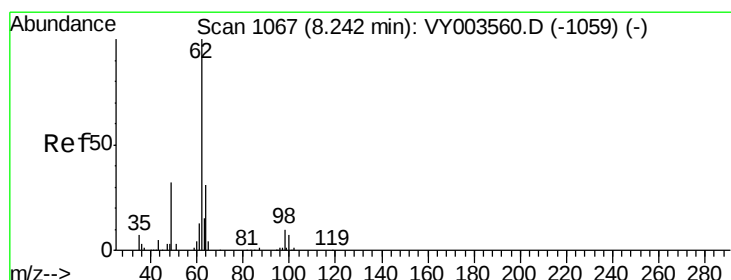
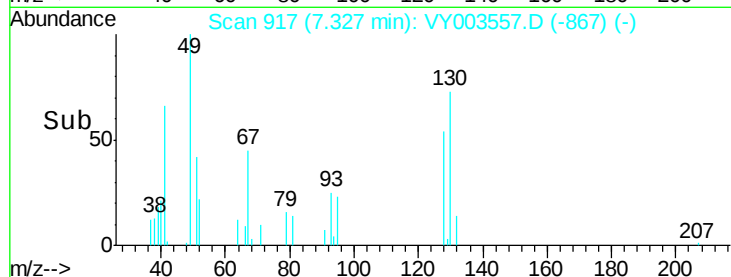
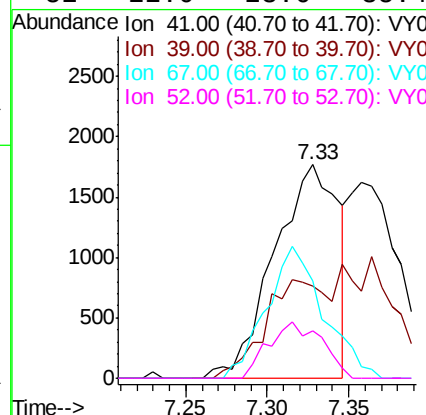
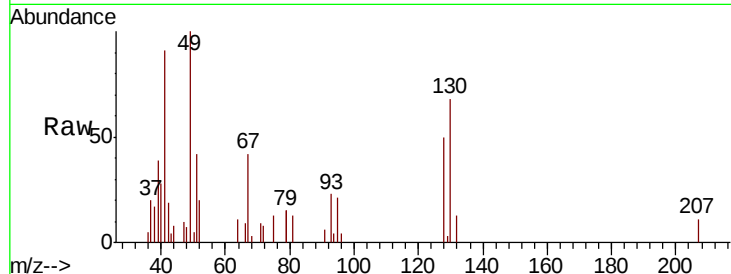
#41
Methacrylonitrile
Concen: 7.244 ug/l
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	4829
Ion	Ratio	Lower	Upper
41	100		
39	45.5	41.4	62.0
67	55.0	57.2	85.8#
52	22.0	23.6	35.4#

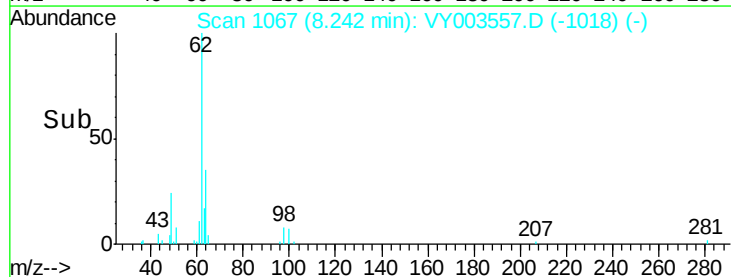
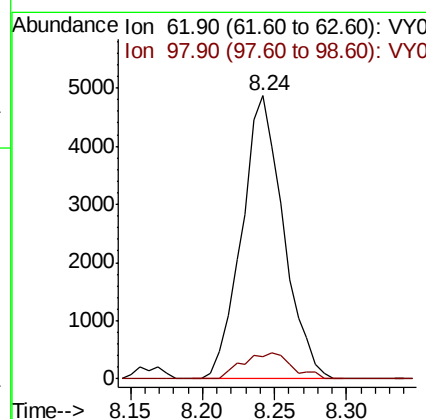
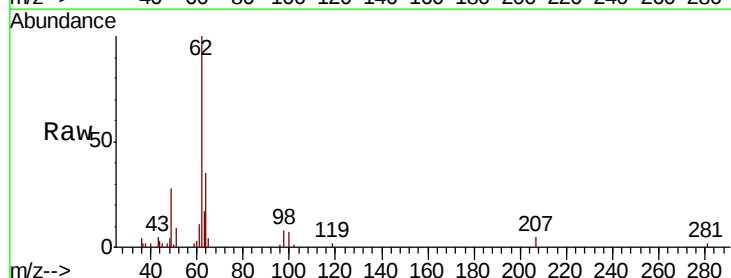
Manual Integrations
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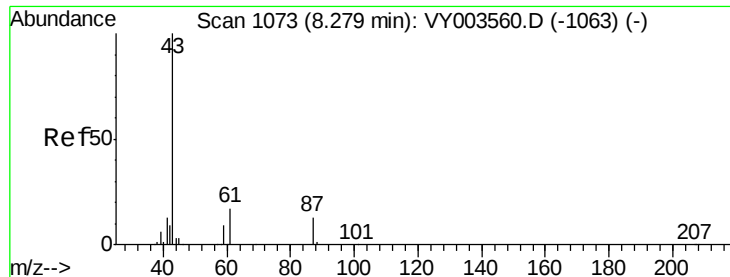
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#42
1,2-Dichloroethane
Concen: 5.136 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion:	62	Resp:	9744
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.4





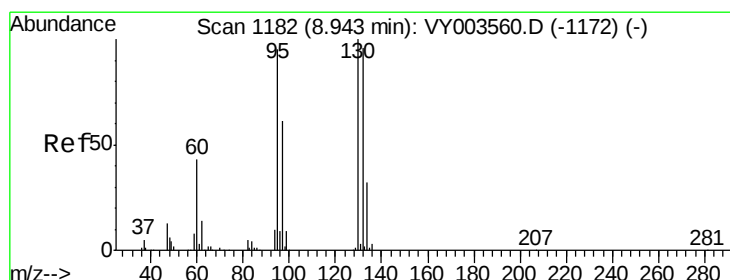
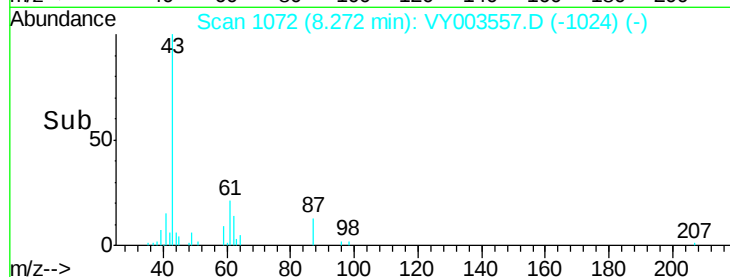
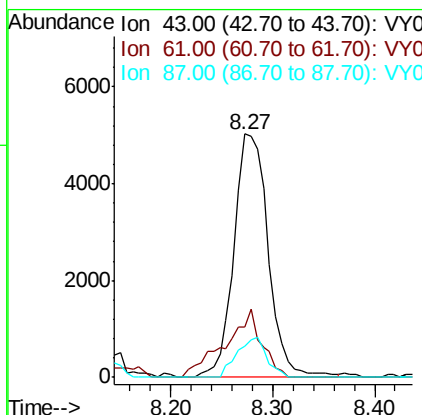
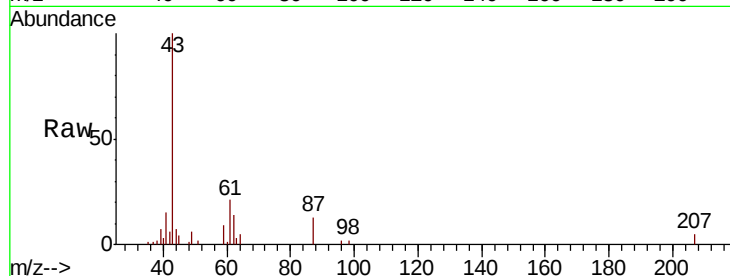
#43
Isopropyl Acetate
Concen: 4.712 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.7	21.4	32.0
87	14.1	10.7	16.1

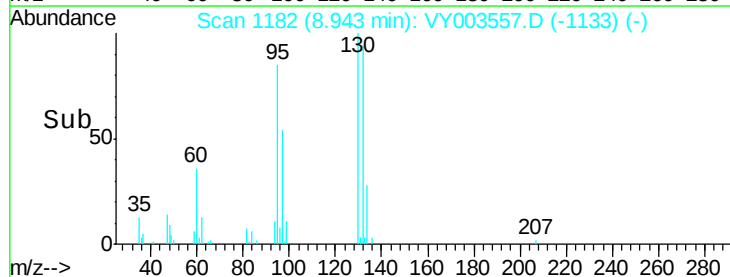
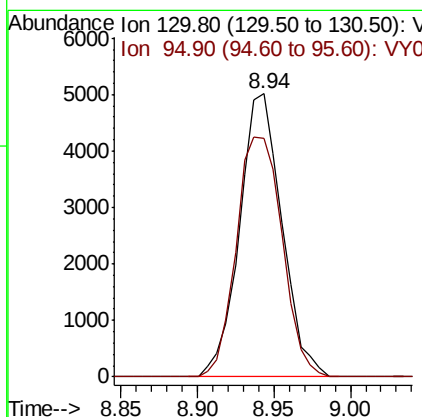
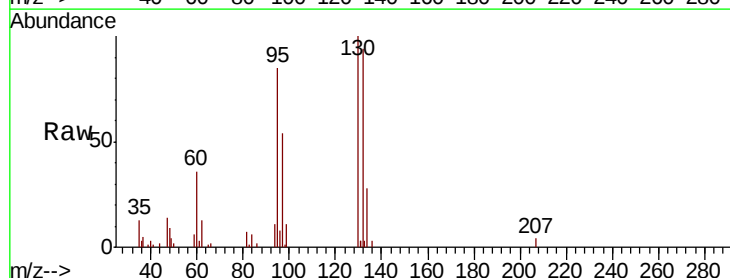
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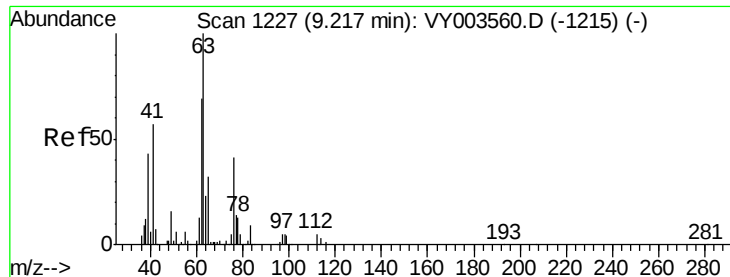
MMDadoda
11/23/2020 1:39:19 PM



#44
Trichloroethene
Concen: 5.318 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	84.5	0.0	189.2





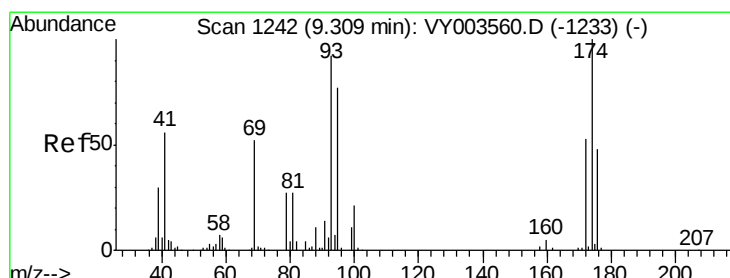
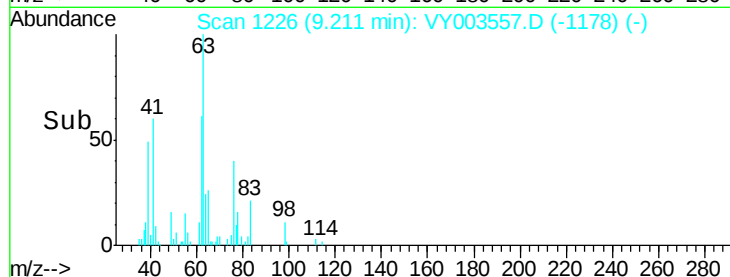
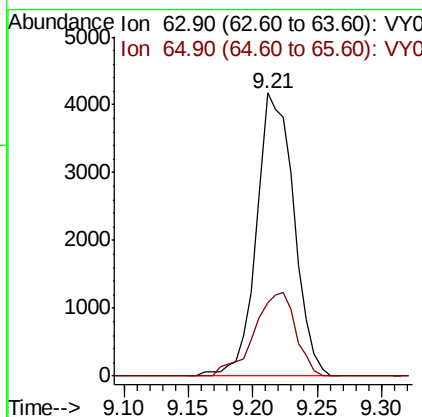
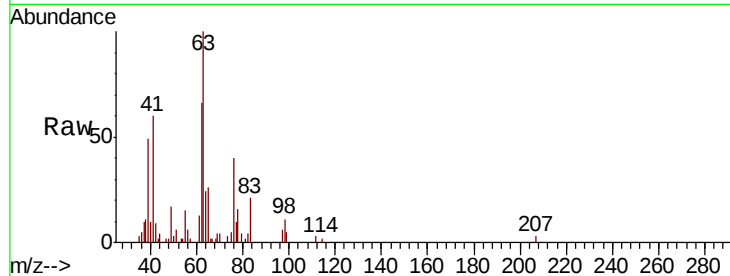
#45
 1,2-Dichloropropane
 Concen: 5.059 ug/l
 RT: 9.21 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 8364
 Ion Ratio Lower Upper
 63 100
 65 26.1 25.7 38.5

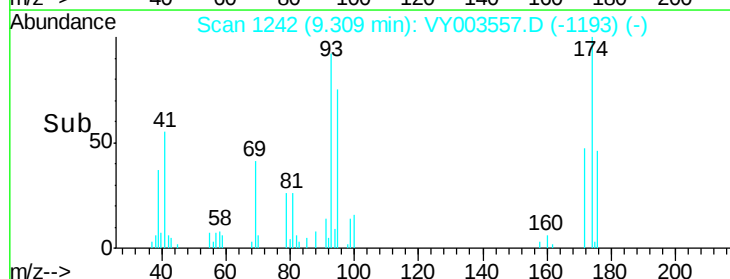
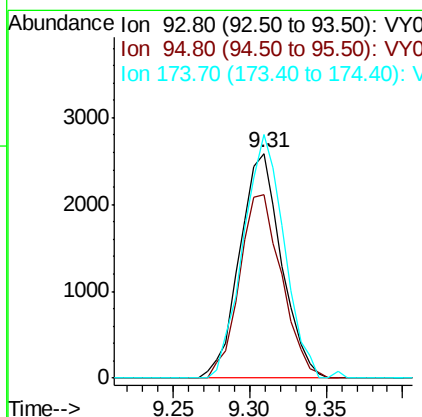
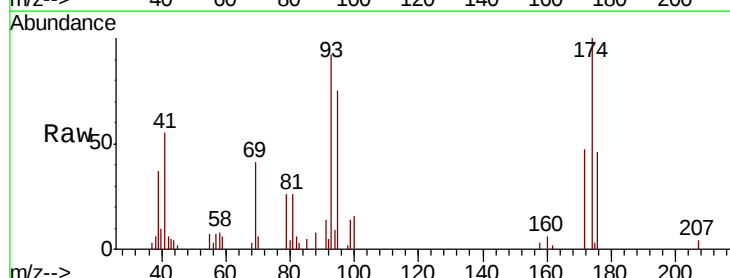
Manual Integrations
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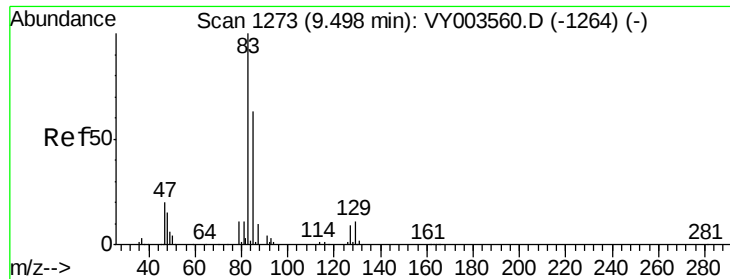
MMDadoda
 11/23/2020 1:39:19 PM



#46
 Dibromomethane
 Concen: 5.216 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Tgt Ion: 93 Resp: 4911
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.9 98.9
 174 106.0 86.8 130.2





#47

Bromodichloromethane

Concen: 5.204 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

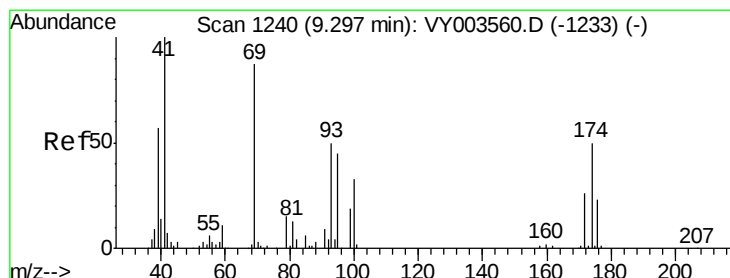
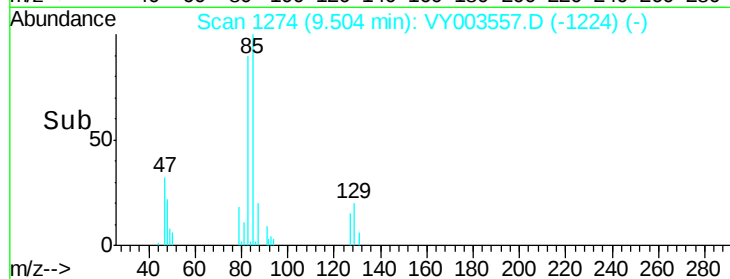
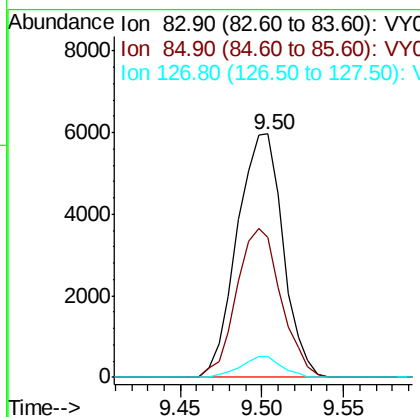
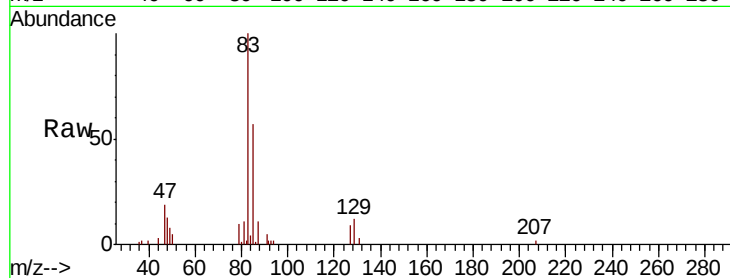
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	11637
Ion	Ratio	Lower	Upper
83	100		
85	57.5	50.7	76.1
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.944 ug/l

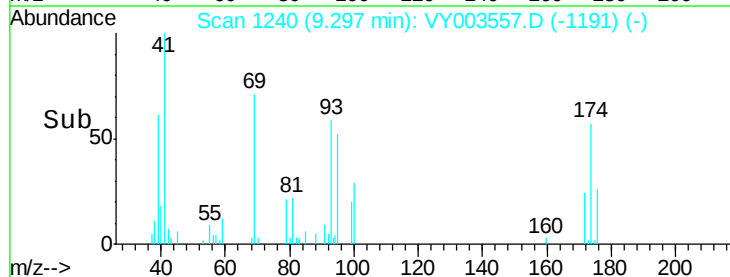
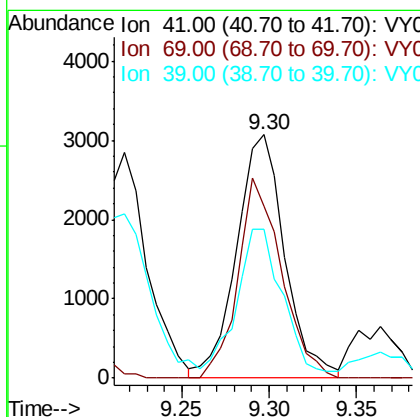
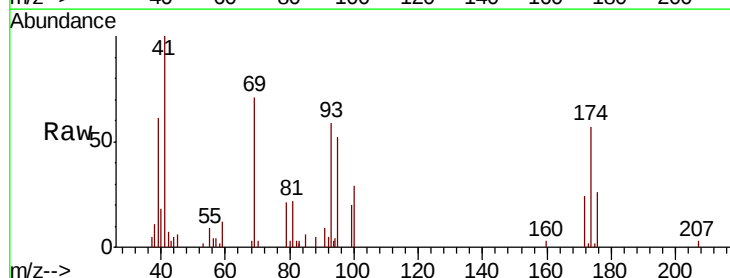
RT: 9.30 min Scan# 1240

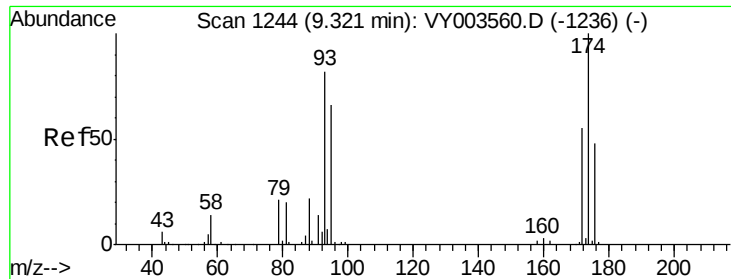
Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Tgt Ion:	41	Resp:	5892
Ion	Ratio	Lower	Upper
41	100		
69	74.1	68.6	102.8
39	59.8	48.8	73.2





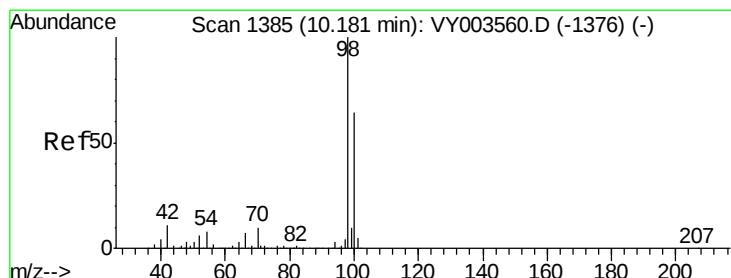
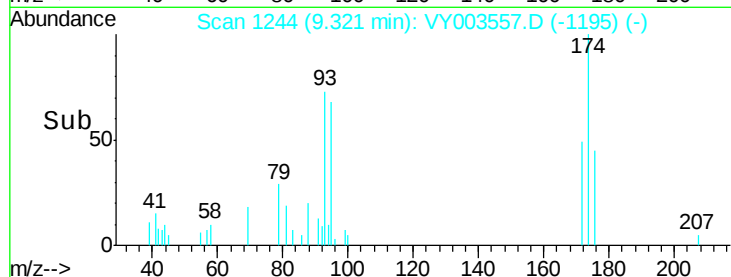
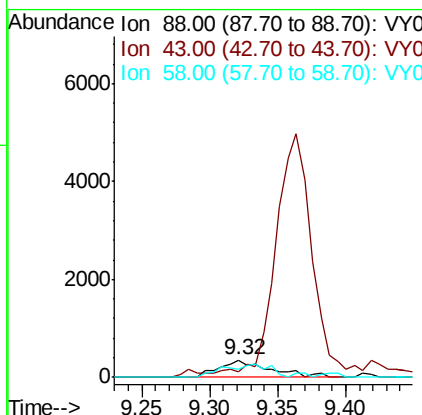
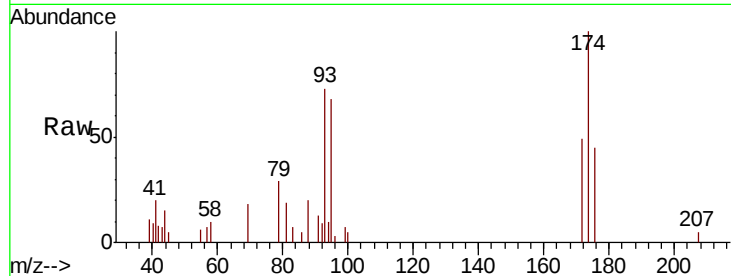
#49
1,4-Dioxane
Concen: 84.632 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.0	50.9	76.3

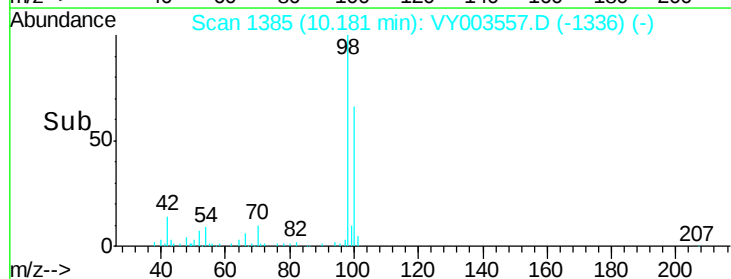
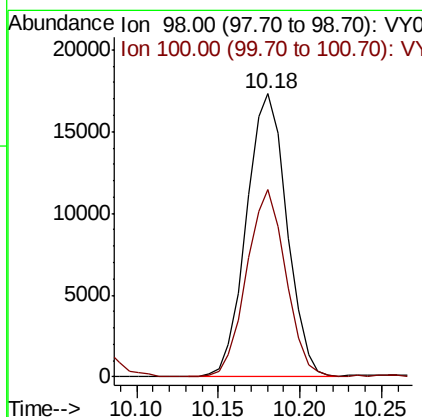
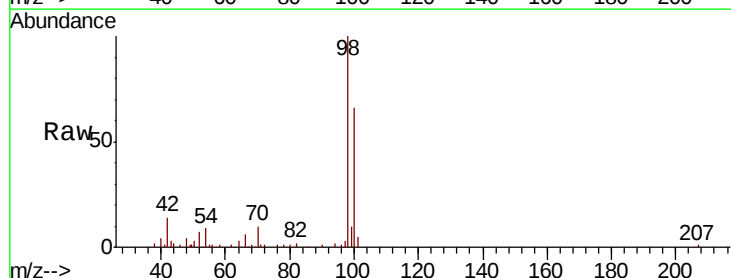
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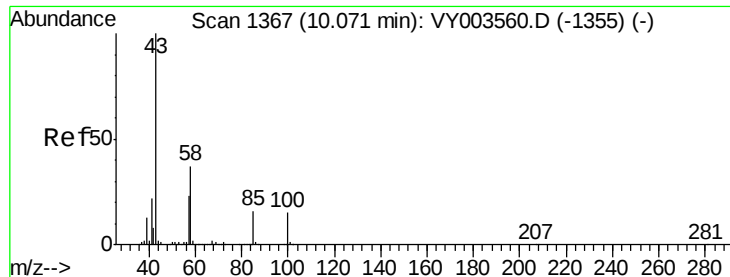
MMDadoda
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#50
Toluene-d8
Concen: 5.107 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 22.115 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 26387

Ion Ratio Lower Upper

43 100

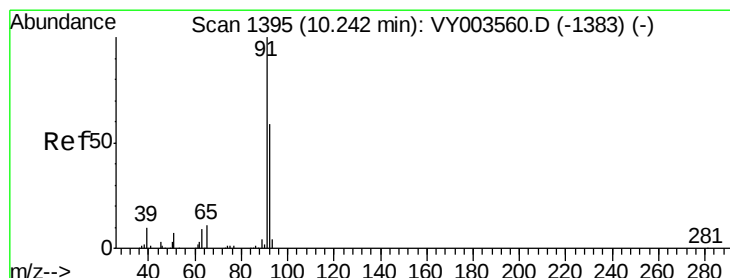
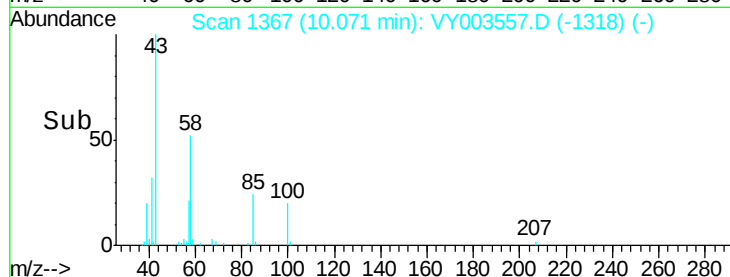
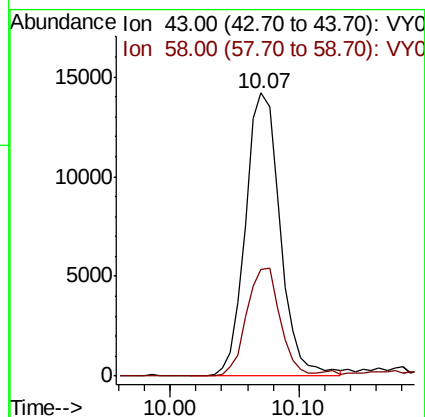
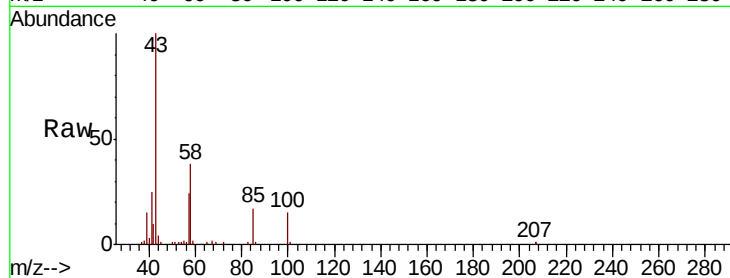
58 36.6 29.8 44.8

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11/23/2020 1:39:19 PM



#52

Toluene

Concen: 4.992 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003557.D

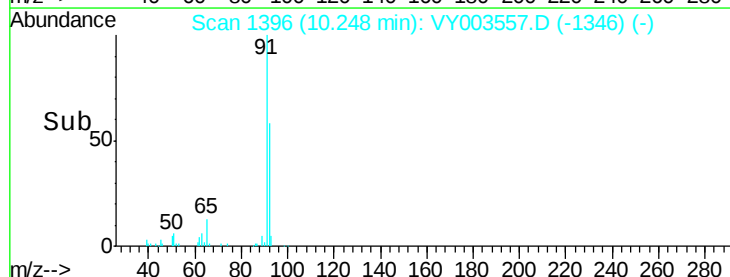
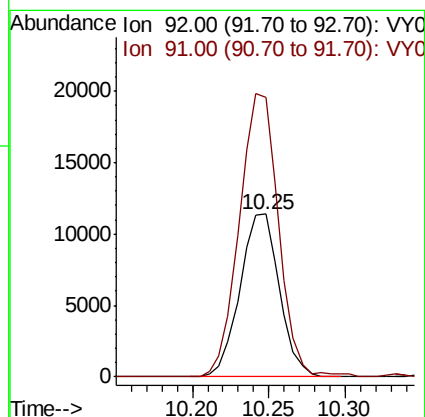
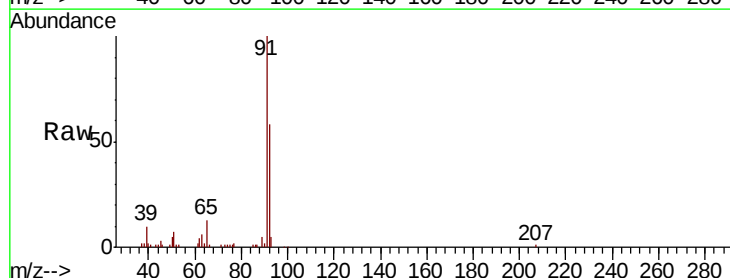
Acq: 20 Nov 2020 10:15

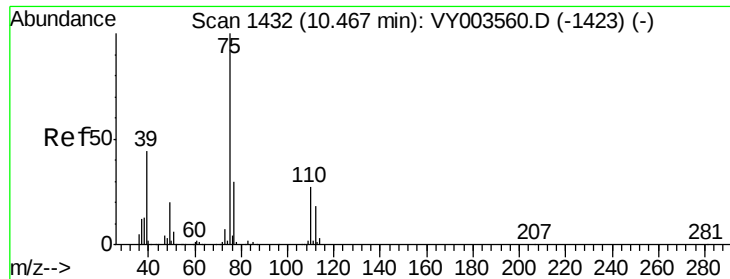
Tgt Ion: 92 Resp: 20386

Ion Ratio Lower Upper

92 100

91 173.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 4.846 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 11343

Ion Ratio Lower Upper

75 100

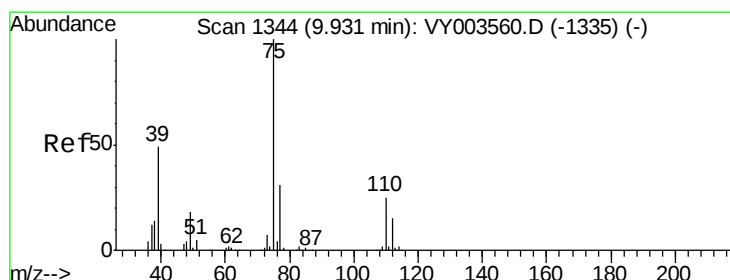
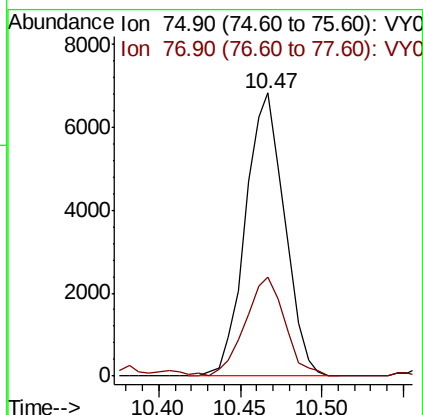
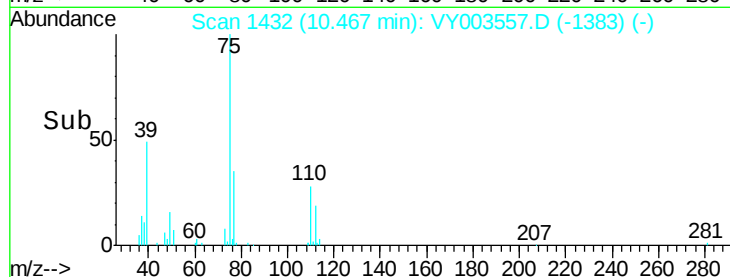
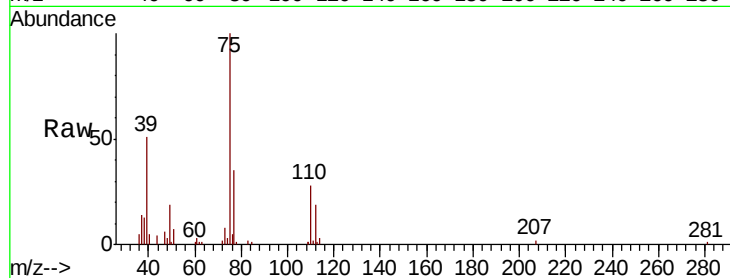
77 35.0 24.0 36.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 4.974 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

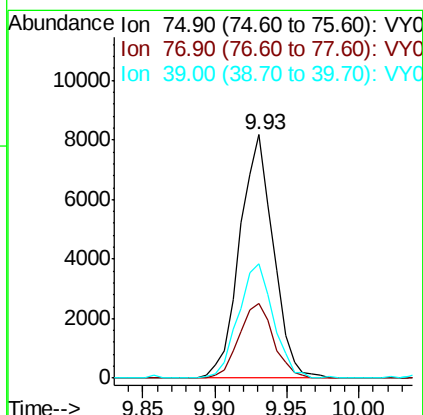
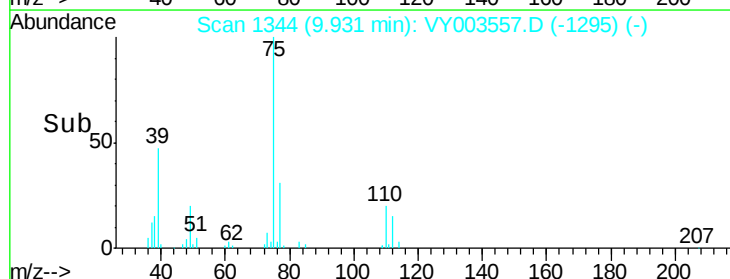
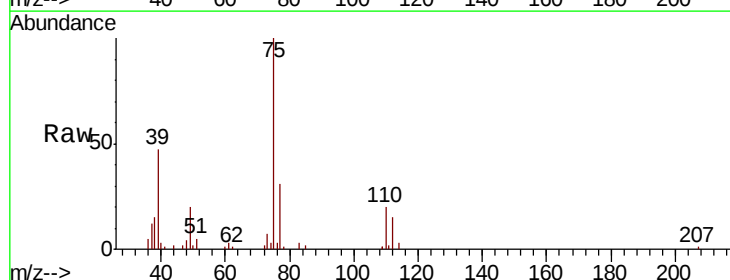
Tgt Ion: 75 Resp: 13251

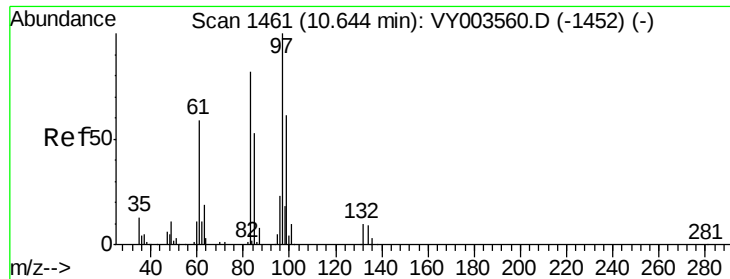
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 46.9 38.9 58.3





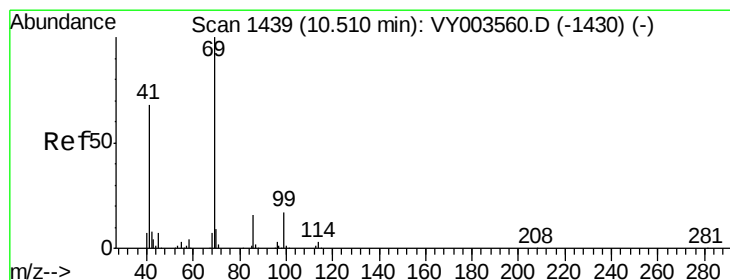
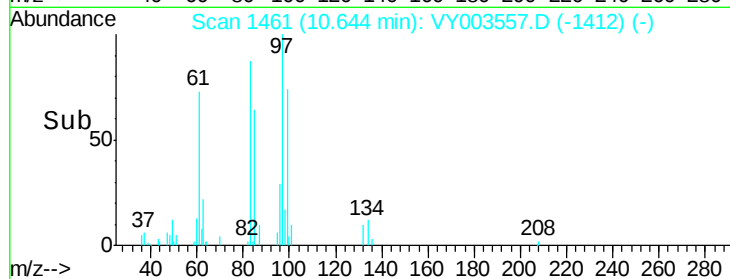
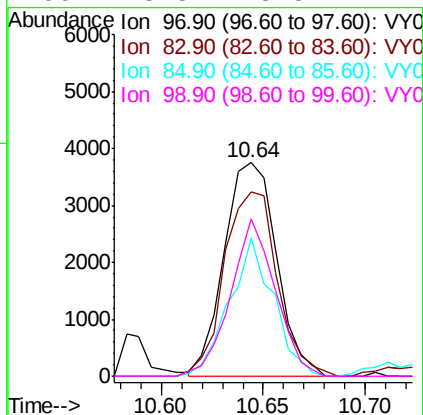
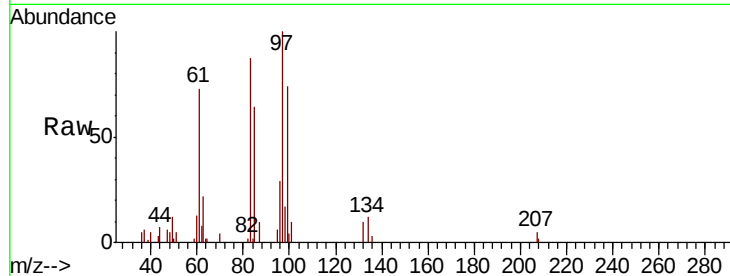
#55
 1,1,2-Trichloroethane
 Concen: 5.017 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.2	97.8
85	64.5	42.4	63.6#
99	73.8	48.5	72.7#

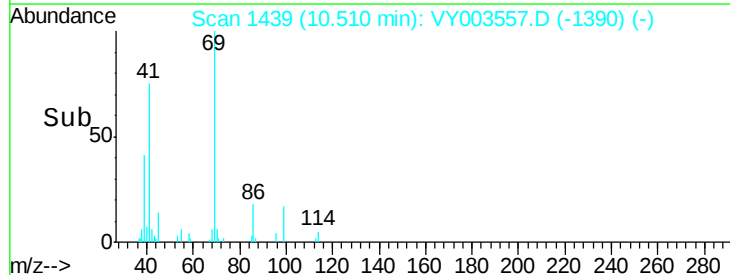
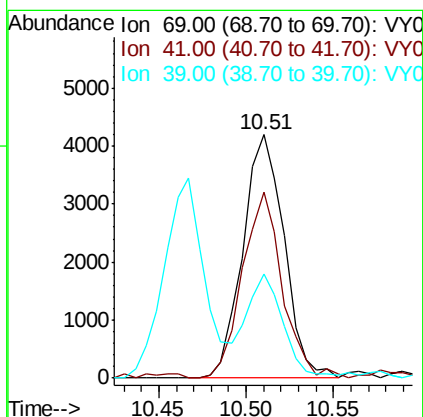
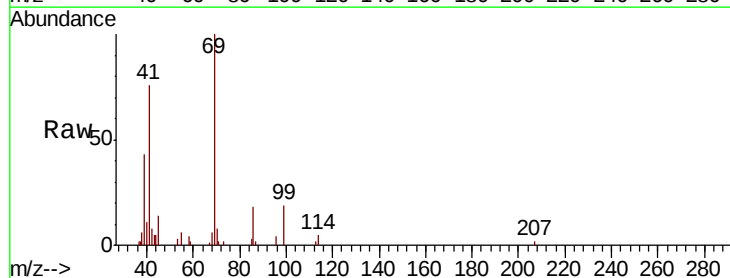
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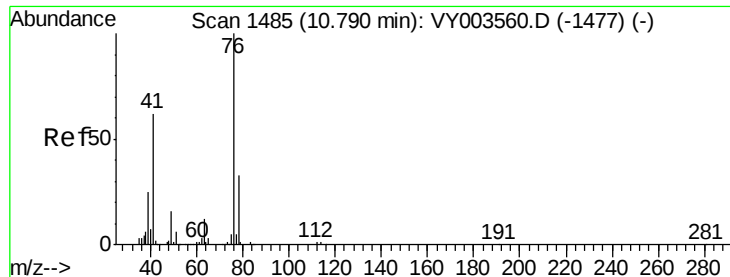
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#56
 Ethyl methacrylate
 Concen: 4.240 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.9	55.4	83.0
39	37.7	30.2	45.2





#57

1,3-Dichloropropane

Concen: 4.902 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 11080

Ion Ratio Lower Upper

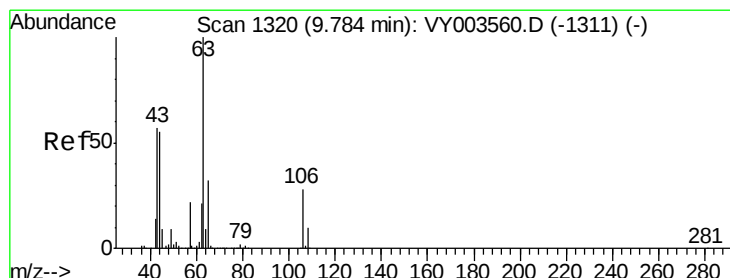
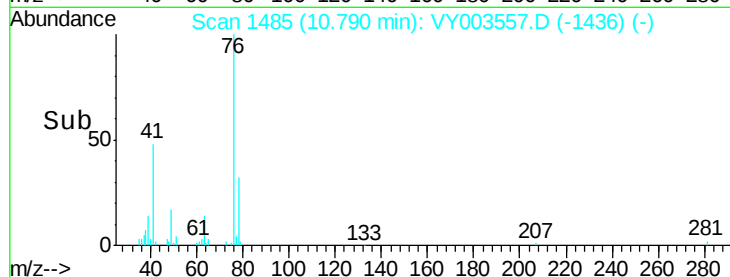
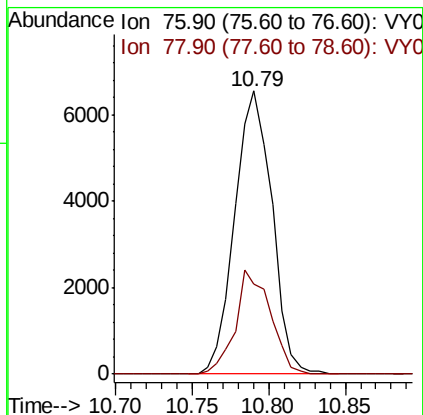
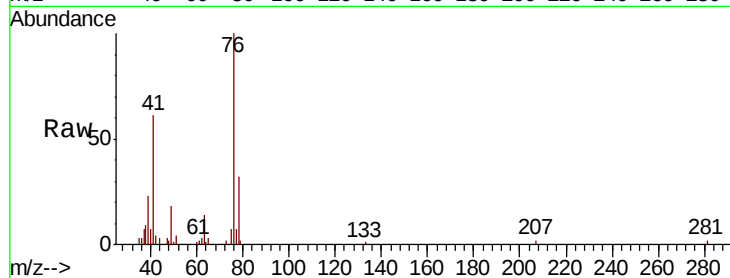
76 100

78 34.8 26.0 39.0

Manual Integrations
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11/23/2020 1:39:19 PM



#58

2-Chloroethyl Vinyl ether

Concen: 23.011 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003557.D

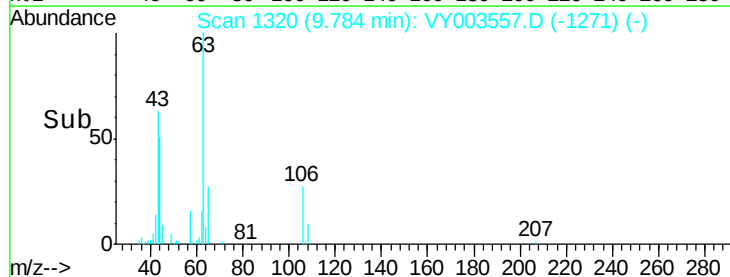
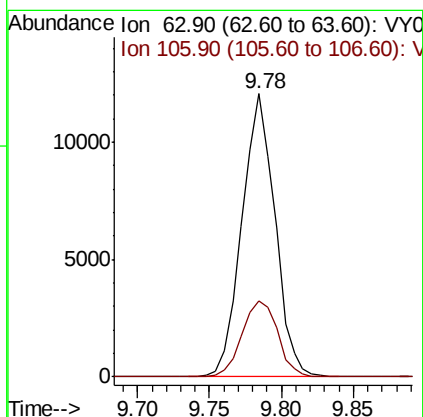
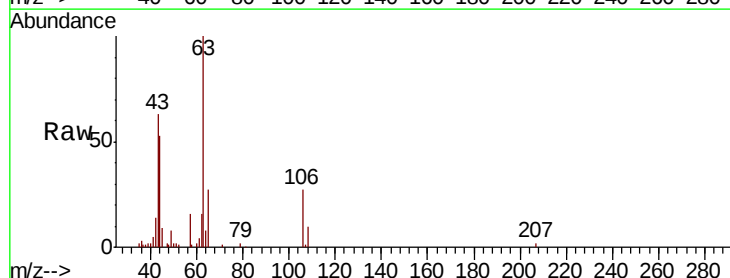
Acq: 20 Nov 2020 10:15

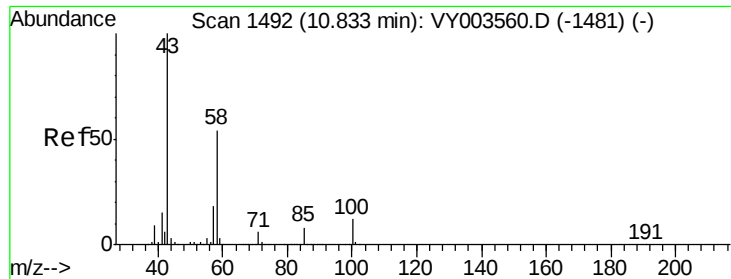
Tgt Ion: 63 Resp: 19164

Ion Ratio Lower Upper

63 100

106 28.8 22.6 34.0





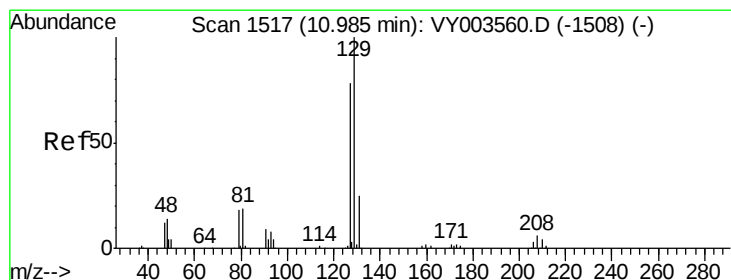
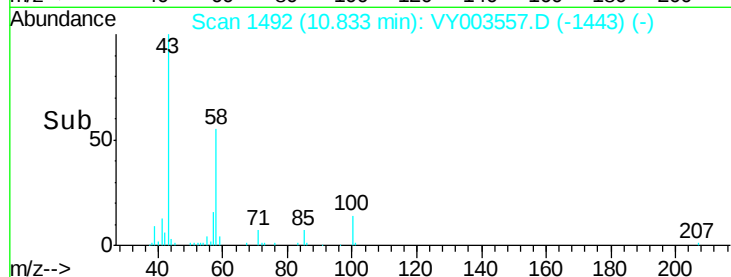
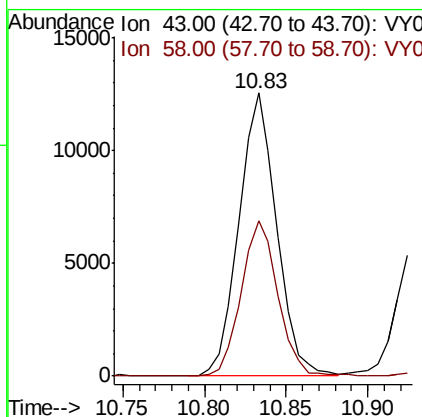
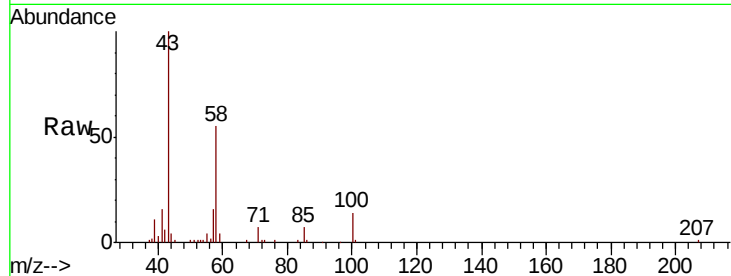
#59
2-Hexanone
Concen: 20.562 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 20225
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1

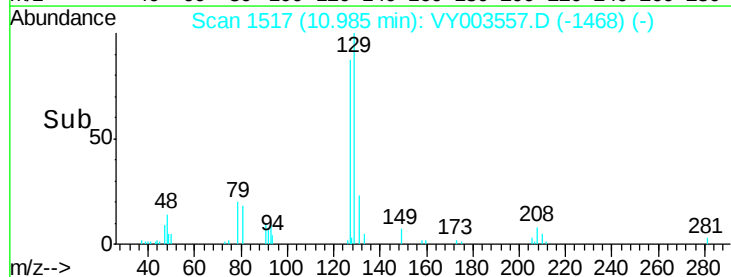
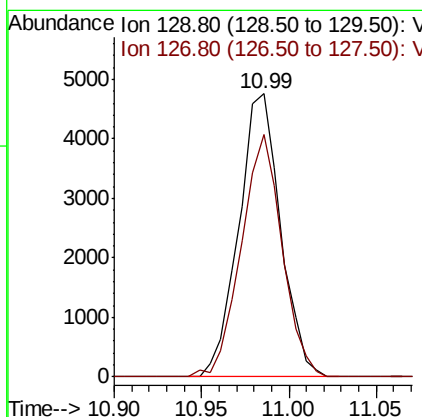
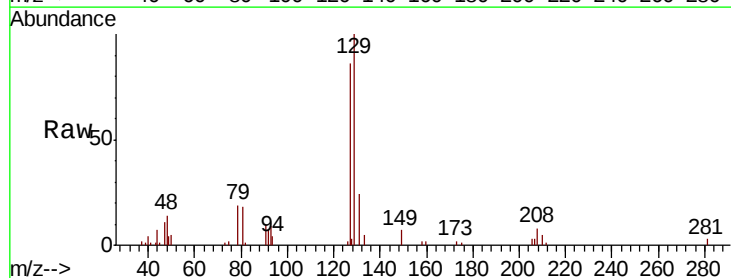
Manual Integrations
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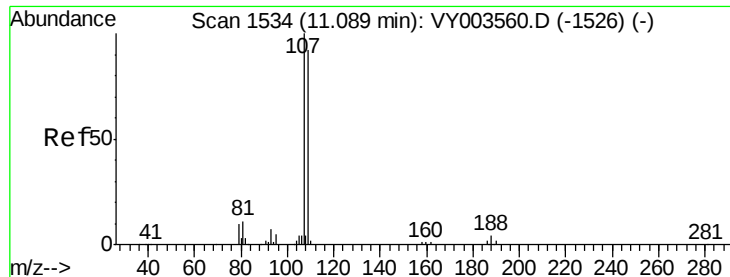
MMDadoda
11/23/2020 1:39:19 PM



#60
Dibromochloromethane
Concen: 4.908 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion: 129 Resp: 7925
Ion Ratio Lower Upper
129 100
127 83.5 38.9 116.7





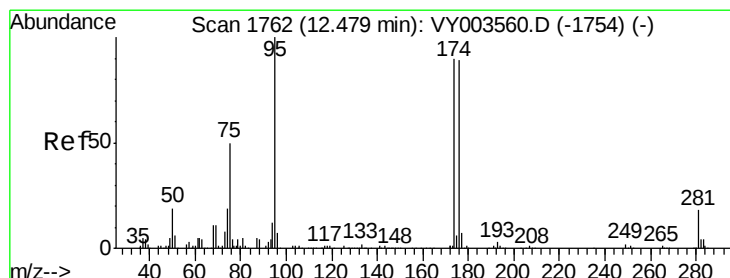
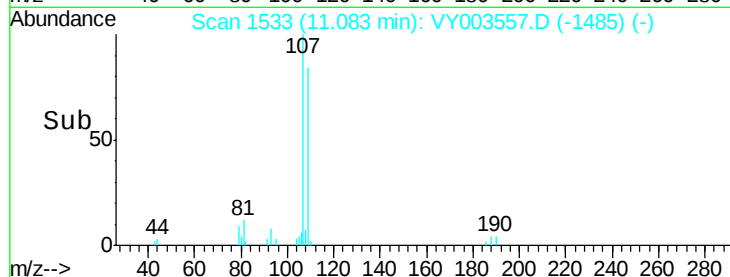
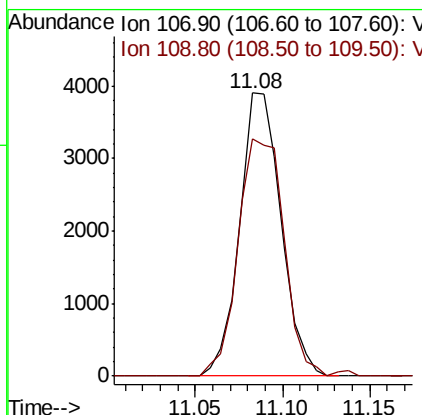
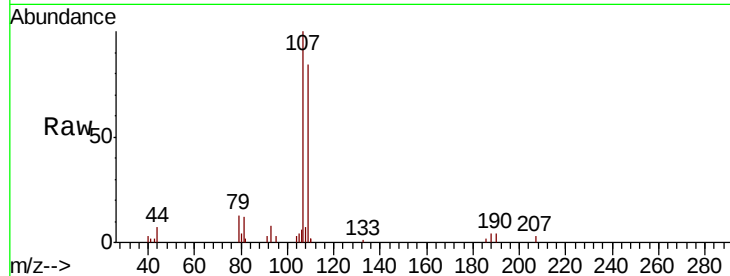
#61
1,2-Dibromoethane
Concen: 5.018 ug/l
RT: 11.08 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.9	113.9

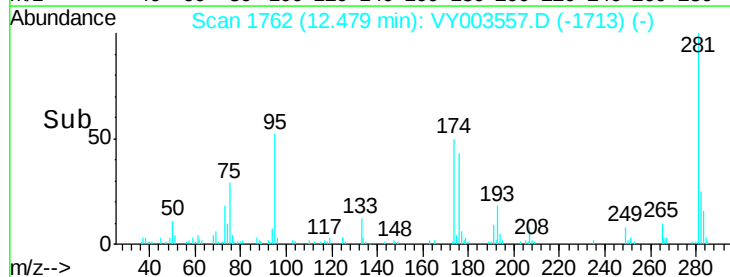
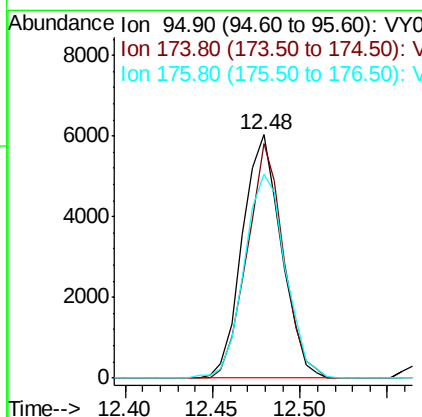
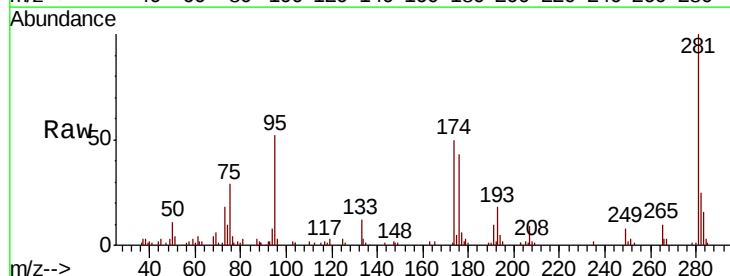
Manual Integrations
APPROVED

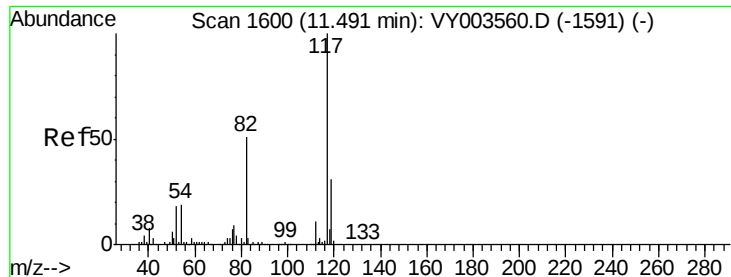
MMDadoda
11/23/2020 1:39:19 PM



#62
4-Bromofluorobenzene
Concen: 5.029 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	184.0
176	89.1	0.0	180.4





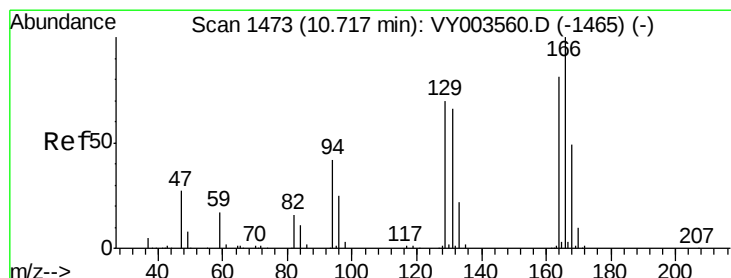
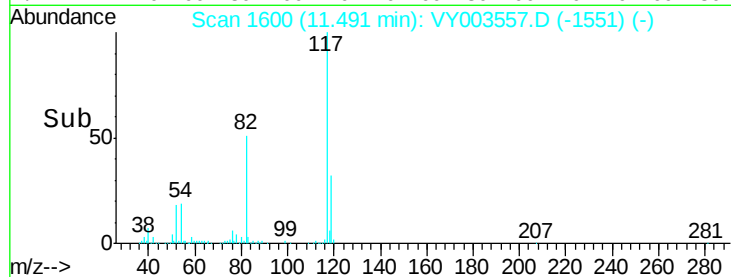
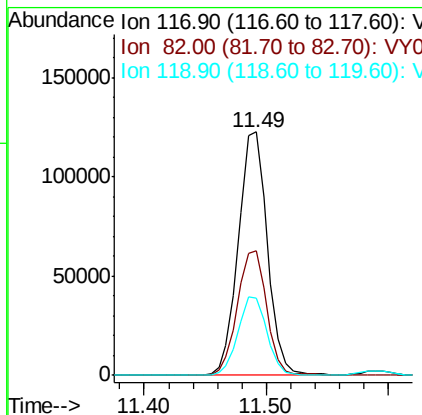
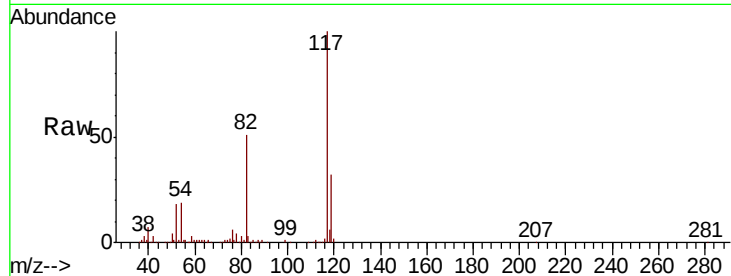
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.0	61.6
119	31.7	25.0	37.6

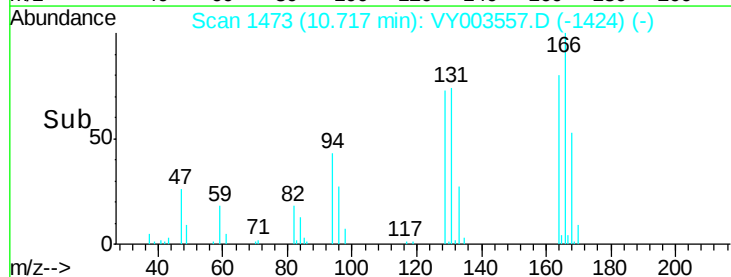
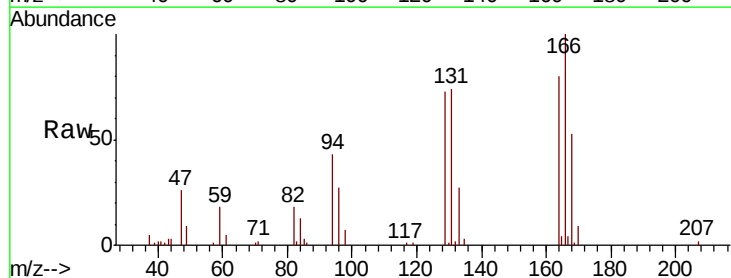
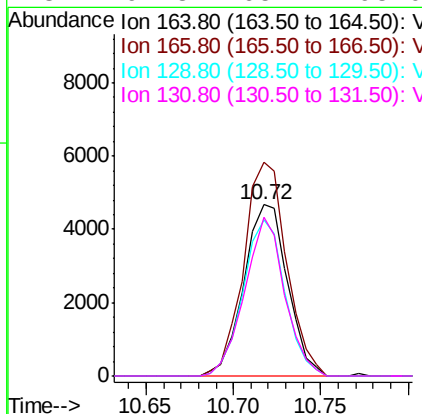
Manual Integrations
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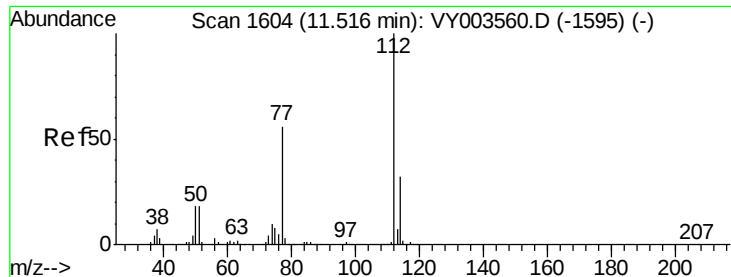
MMDadoda
11/23/2020 1:39:19 PM



#64
Tetrachloroethene
Concen: 5.399 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	99.0	148.4
129	91.0	69.1	103.7
131	92.8	65.4	98.0





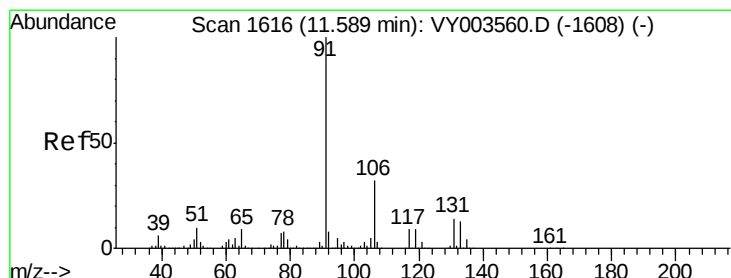
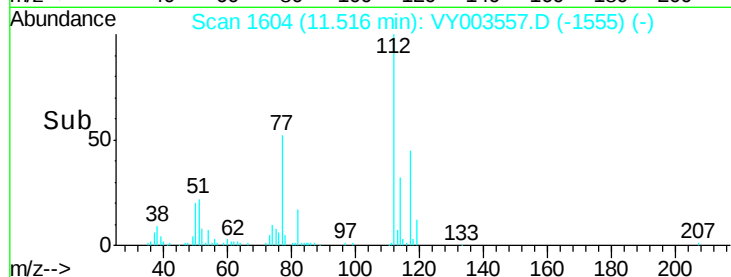
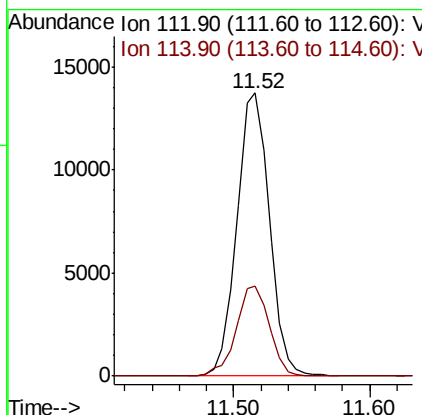
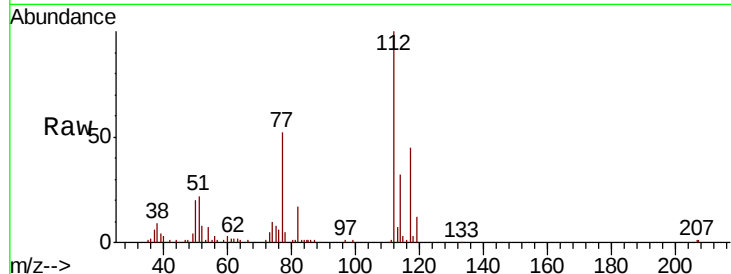
#65
Chlorobenzene
Concen: 5.261 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 22950
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

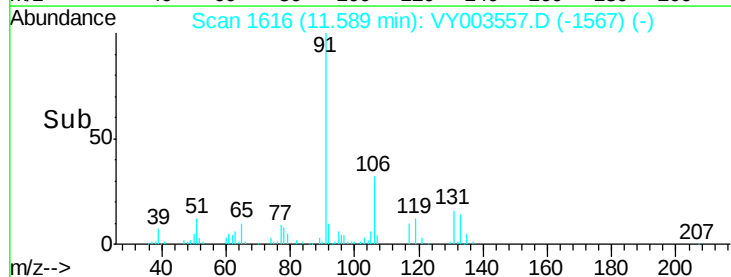
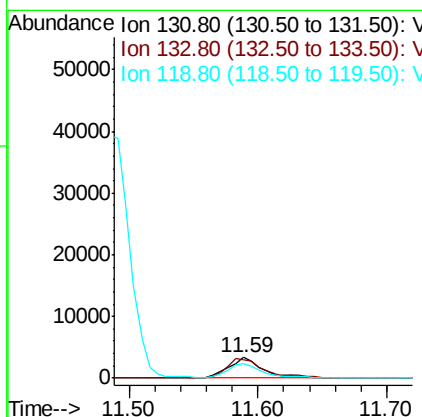
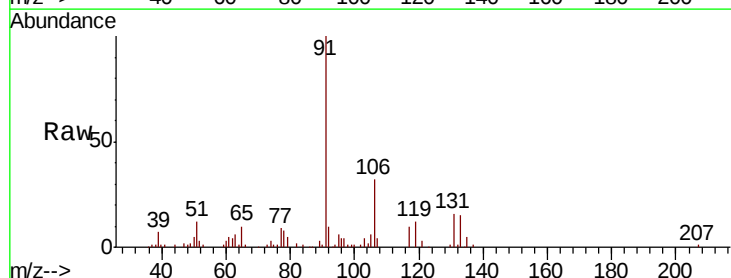
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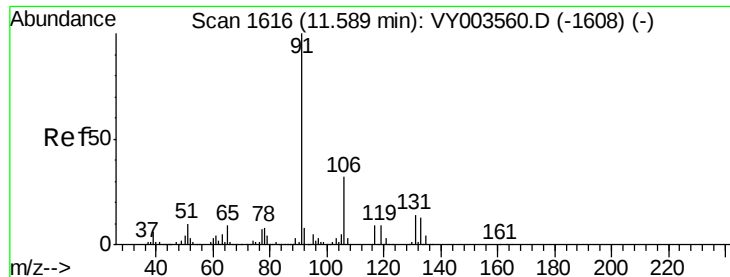
MMDadoda
11/23/2020 1:39:19 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 4.909 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion:131 Resp: 6145
Ion Ratio Lower Upper
131 100
133 102.7 47.1 141.4
119 72.8 32.6 97.7





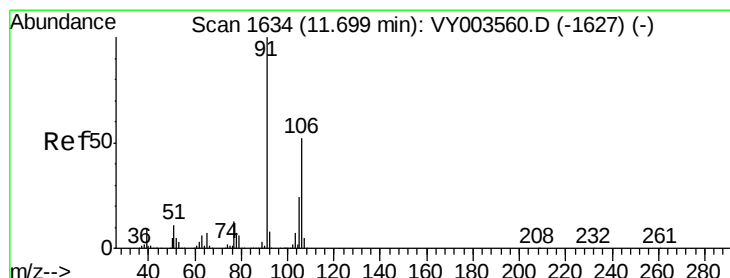
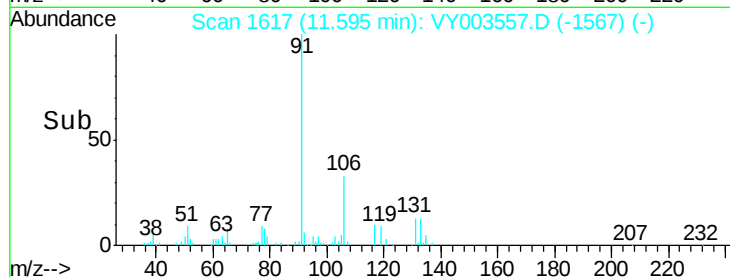
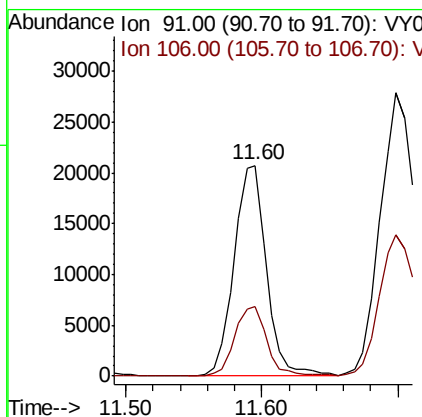
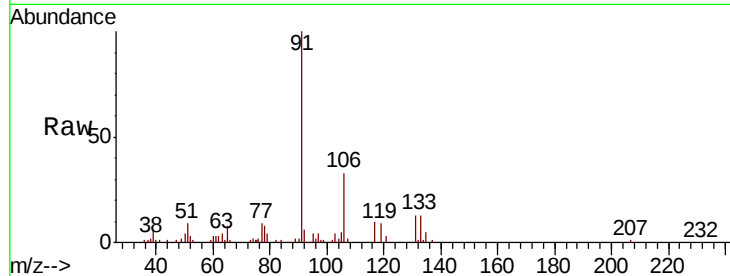
#67
Ethyl Benzene
Concen: 4.821 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 34464
Ion Ratio Lower Upper
91 100
106 33.1 25.6 38.4

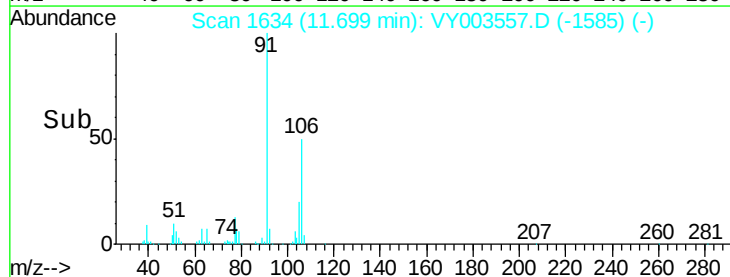
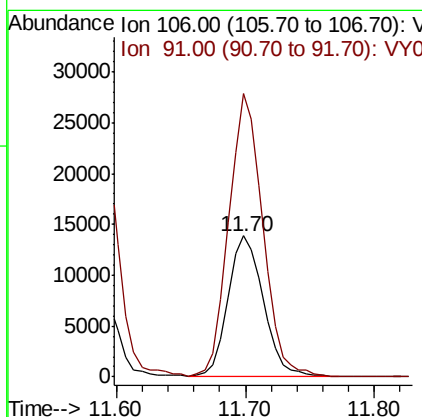
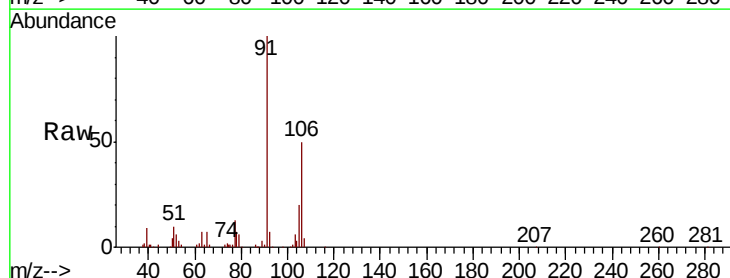
Manual Integrations
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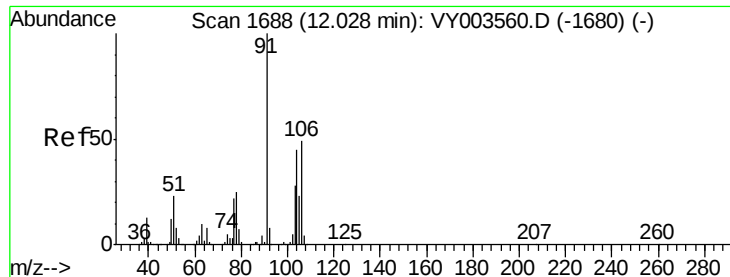
MMDadoda
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#68
m/p-Xylenes
Concen: 9.725 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion: 106 Resp: 26620
Ion Ratio Lower Upper
106 100
91 193.1 154.2 231.4





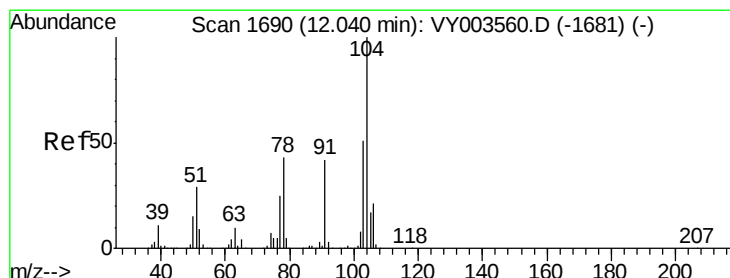
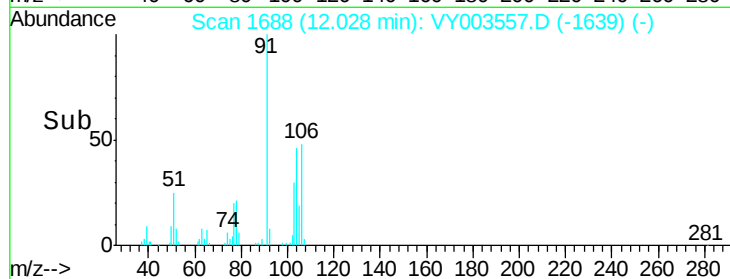
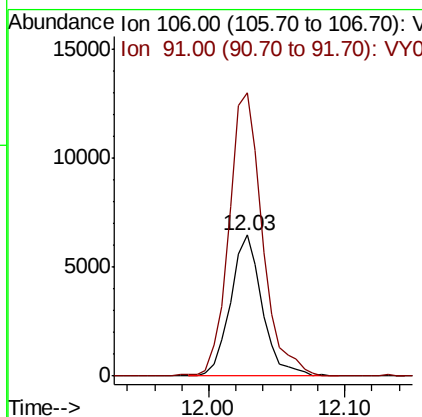
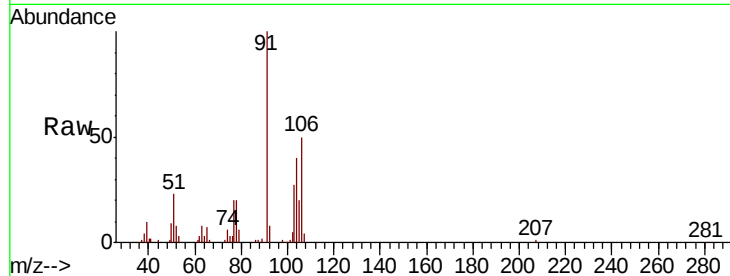
#69
o-Xylene
Concen: 4.765 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.3	103.1	309.1	

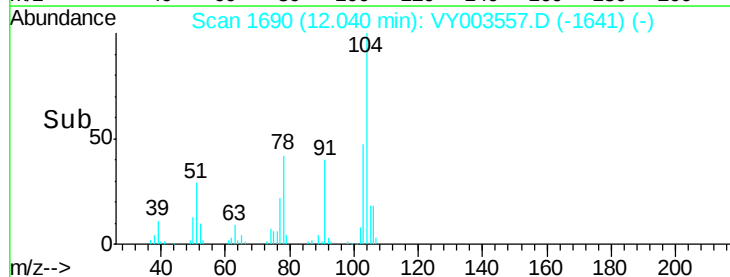
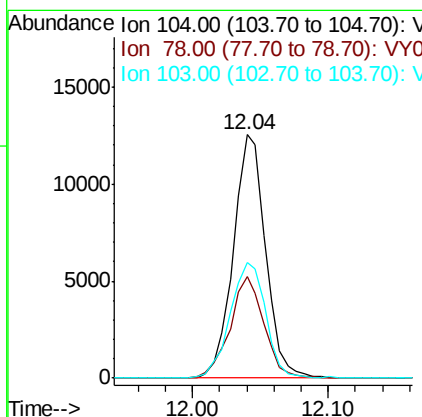
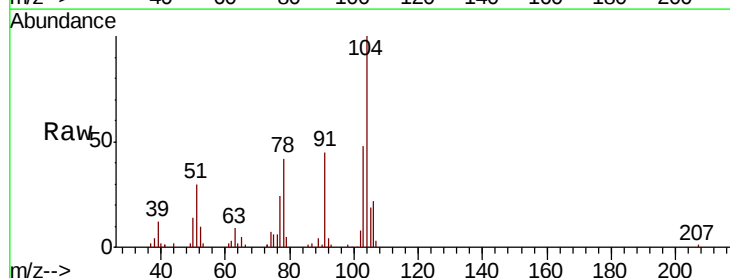
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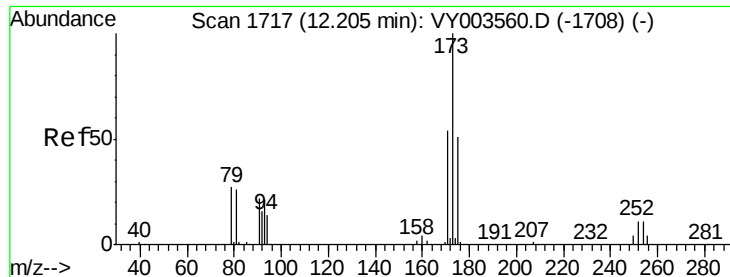
MMDadoda
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#70
Styrene
Concen: 4.683 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	44.1	36.6	54.8	
103	52.2	43.6	65.4	





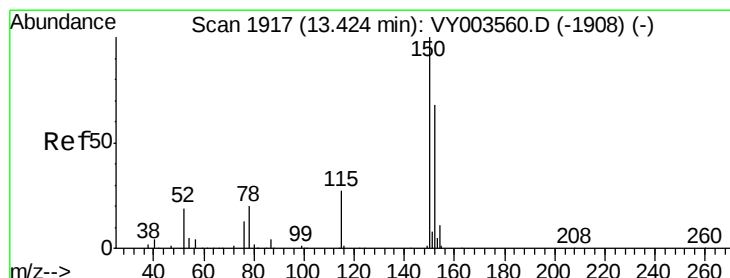
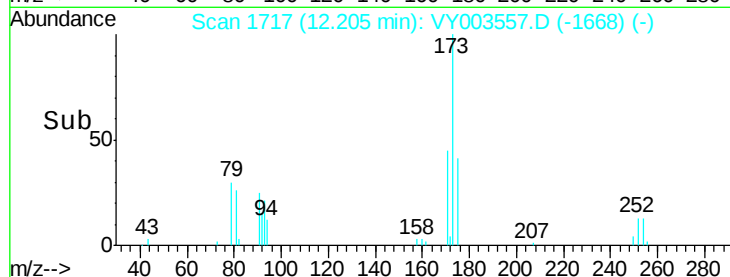
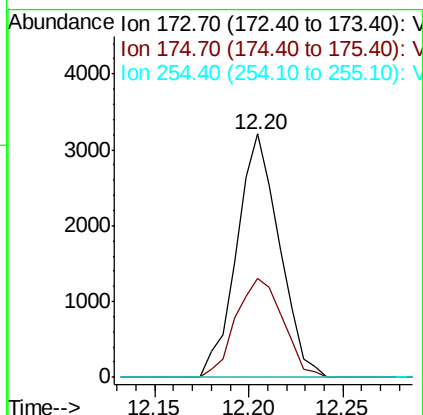
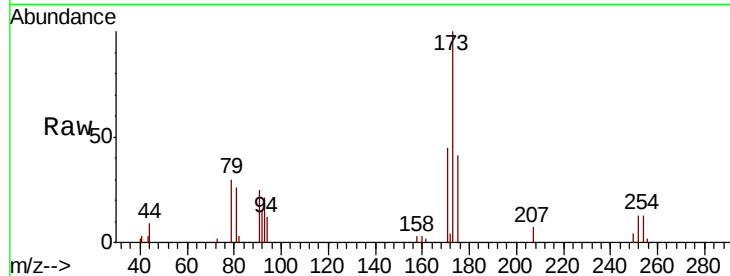
#71
Bromoform
Concen: 4.981 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.0	24.6	73.6
254	0.0	0.1	0.1#

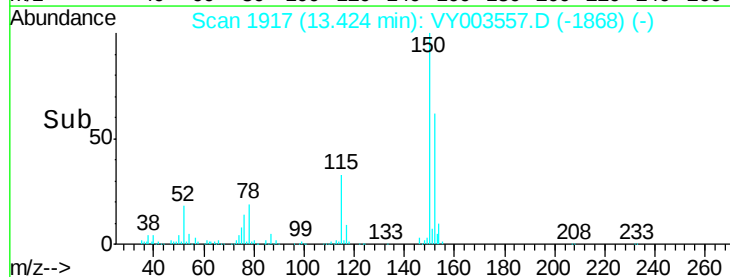
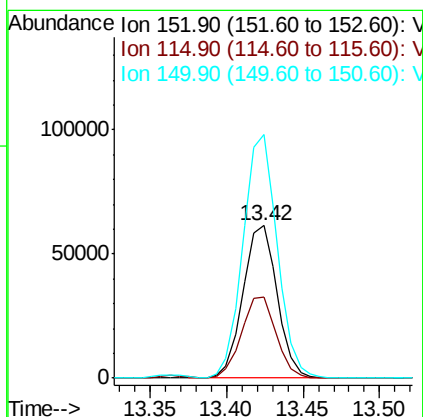
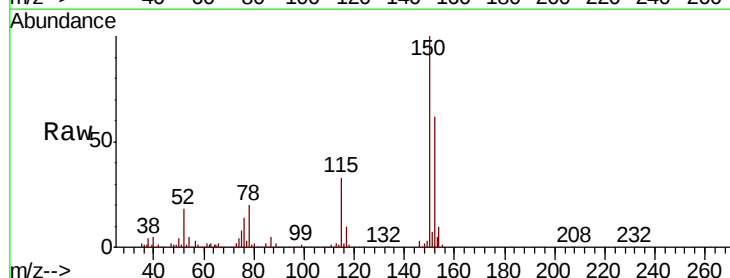
Manual Integrations
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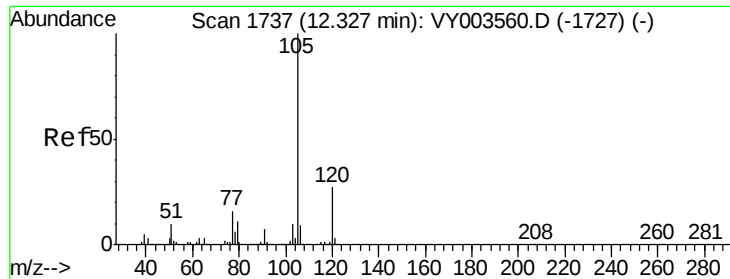
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.4	82.0
150	160.1	0.0	349.6





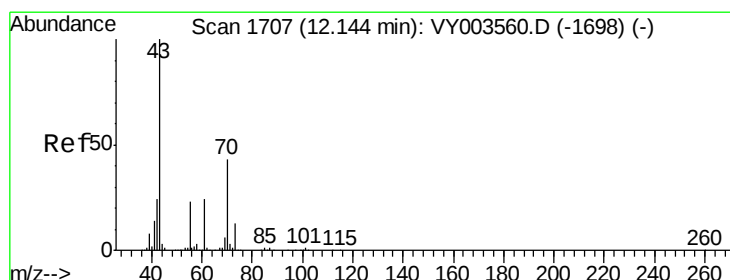
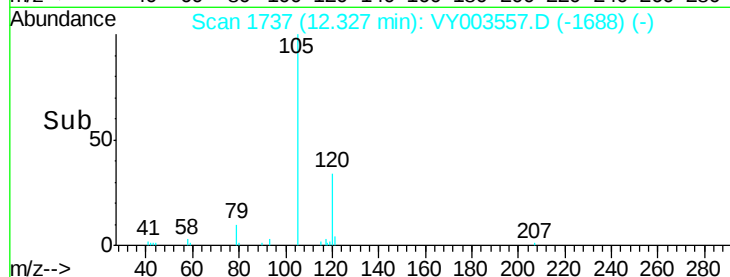
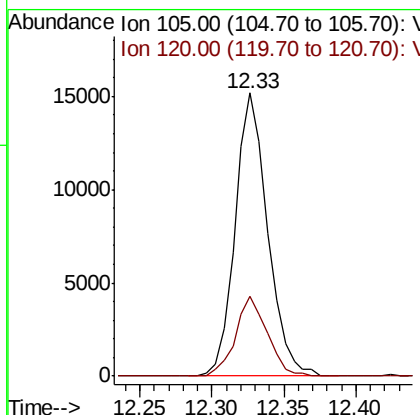
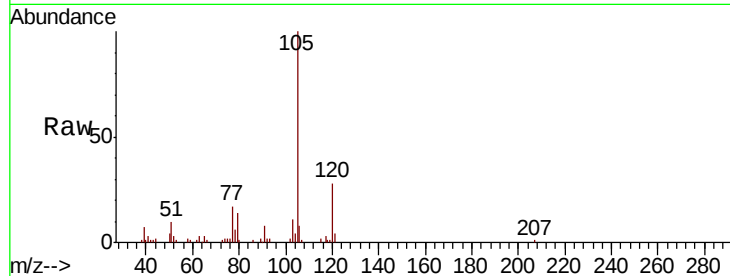
#73
Isopropylbenzene
Concen: 5.016 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.8	41.4

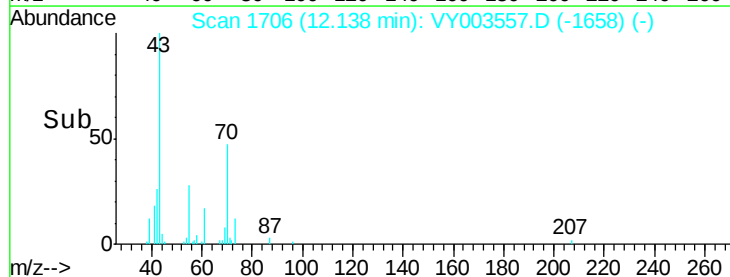
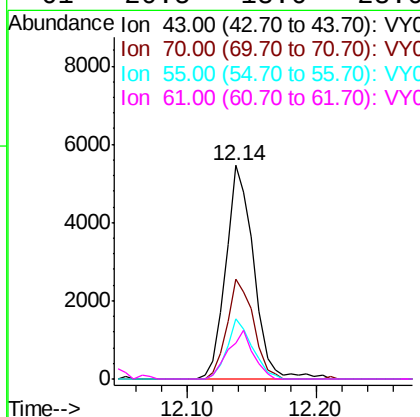
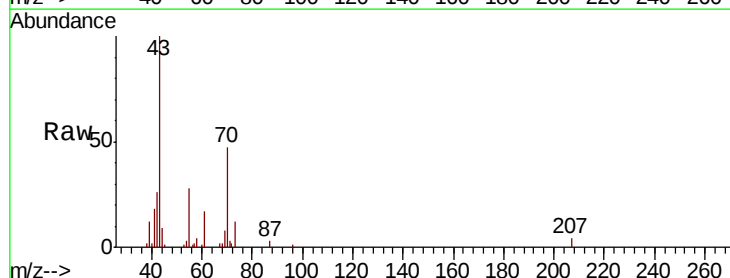
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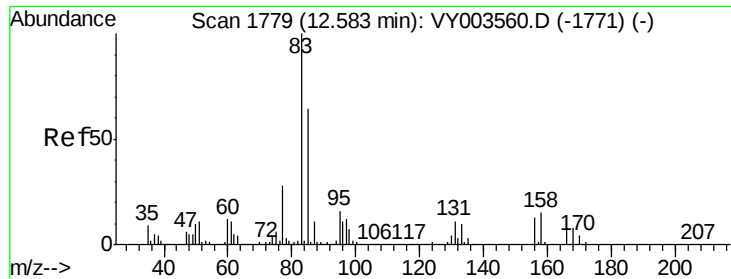
MMDadoda
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#74
N-ethyl acetate
Concen: 4.420 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	32.2	48.4
55	25.2	18.6	28.0
61	20.5	18.6	28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.084 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

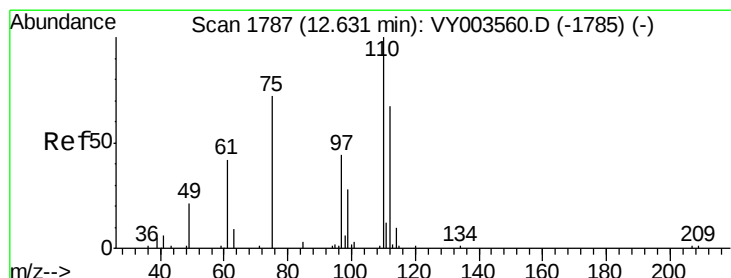
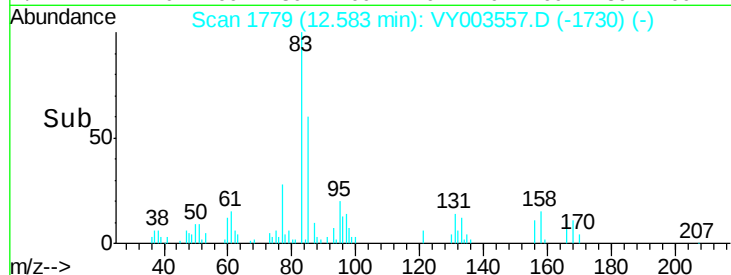
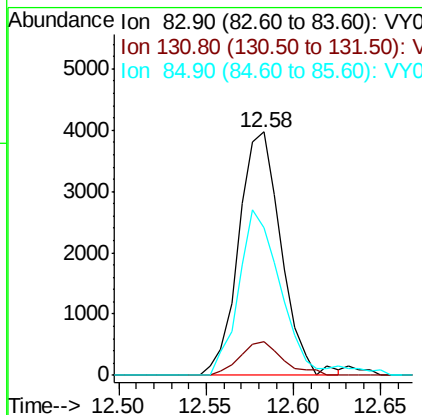
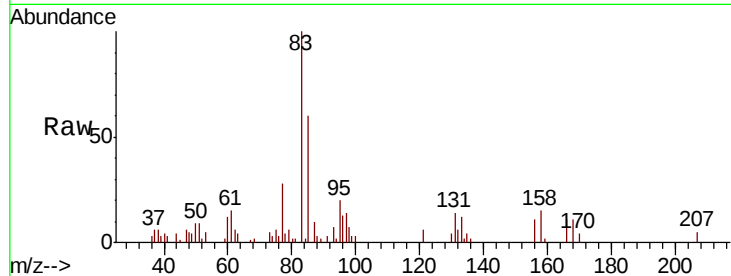
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	6718
Ion	Ratio	Lower	Upper
83	100		
131	14.0	5.2	15.6
85	66.0	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.838 ug/l m

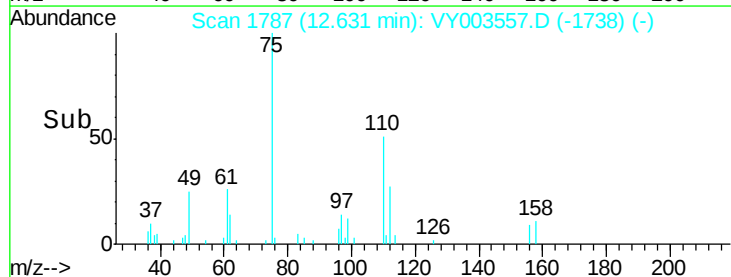
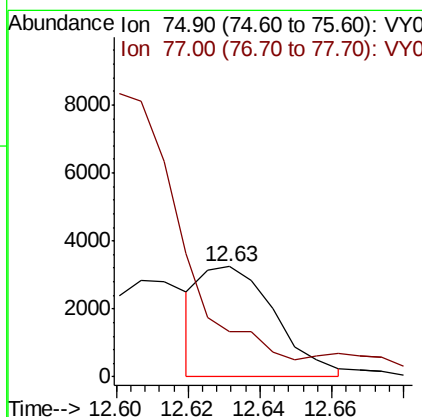
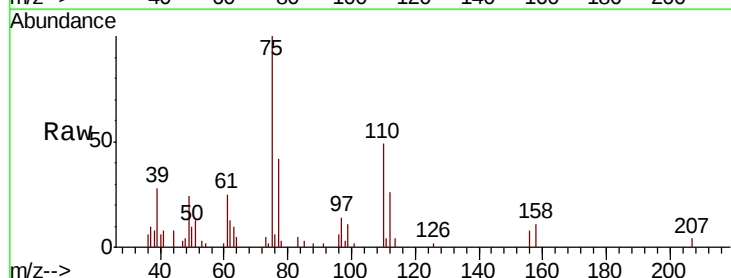
RT: 12.63 min Scan# 1787

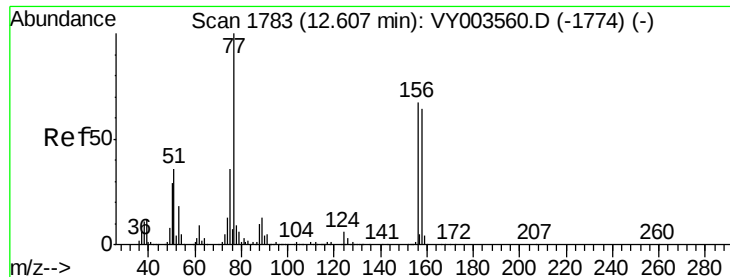
Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Tgt Ion:	75	Resp:	4703
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.015 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003557.D

Acq: 20 Nov 2020 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 8763

Ion Ratio Lower Upper

156 100

77 176.6 85.7 257.1

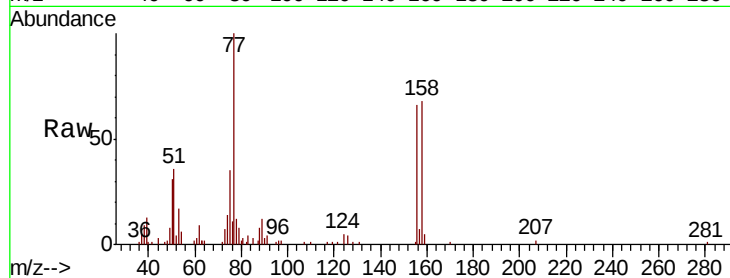
158 100.9 48.8 146.4

Manual Integrations

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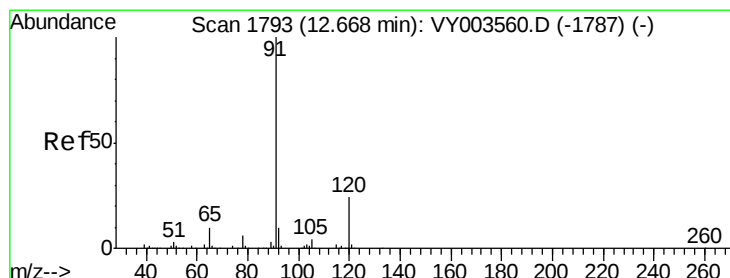
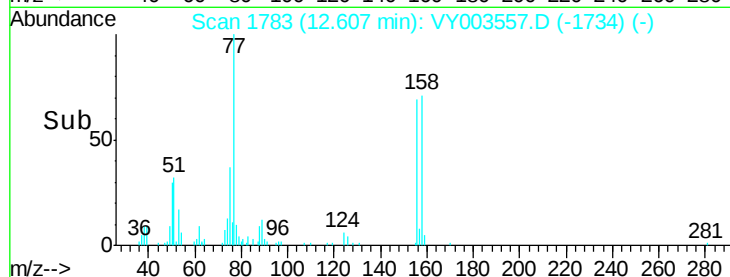
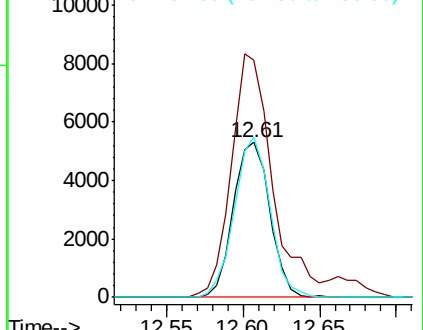
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.881 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003557.D

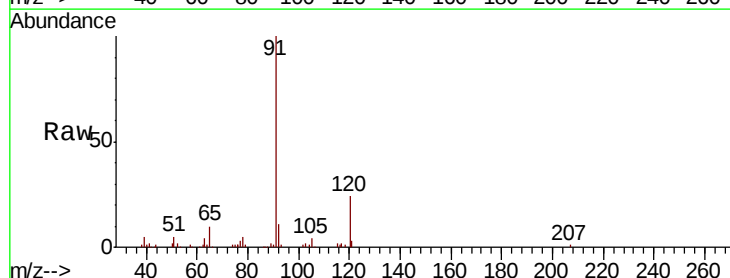
Acq: 20 Nov 2020 10:15

Tgt Ion: 91 Resp: 32567

Ion Ratio Lower Upper

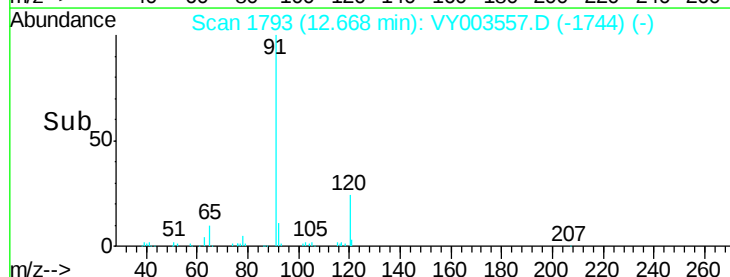
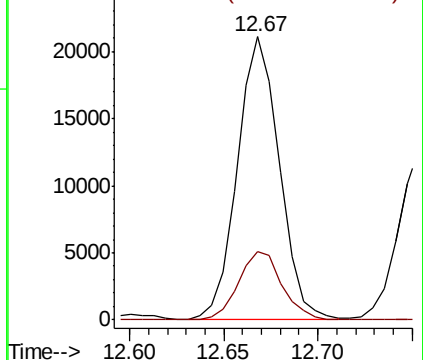
91 100

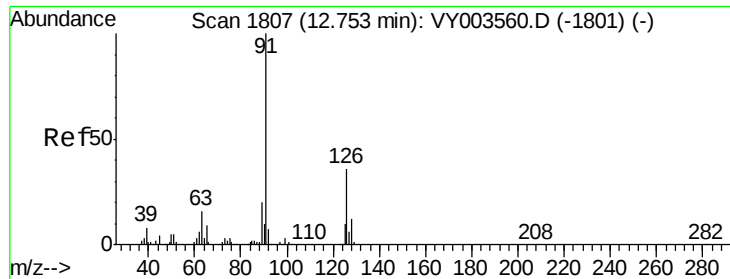
120 24.9 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





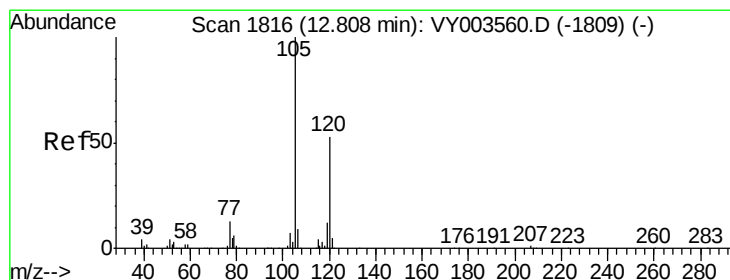
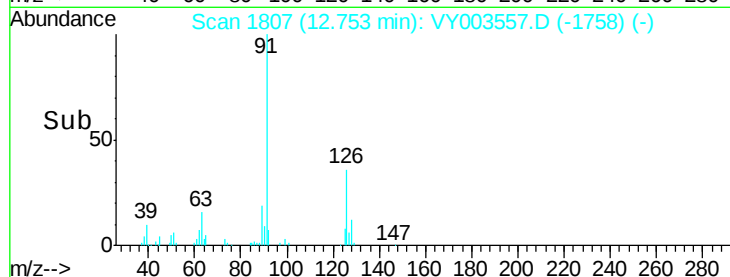
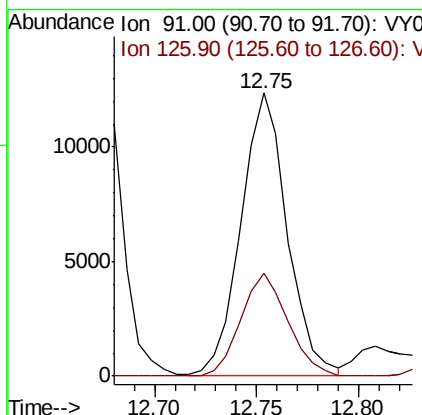
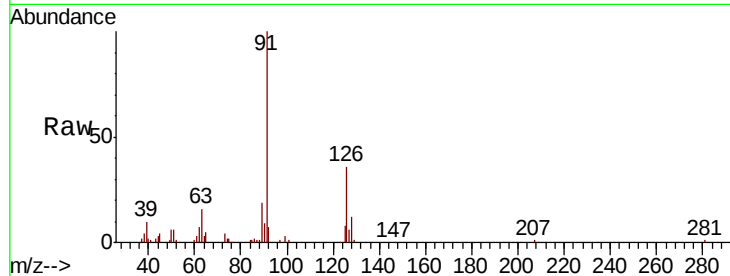
#79
2-Chlorotoluene
Concen: 5.077 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.1	54.3

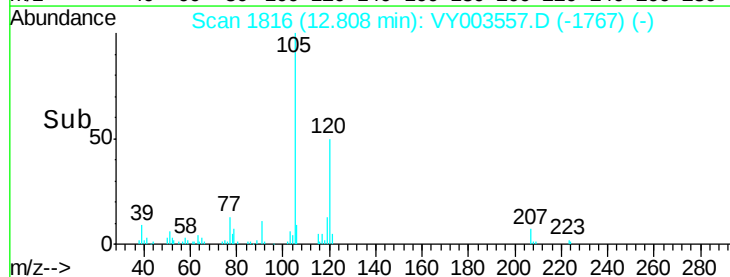
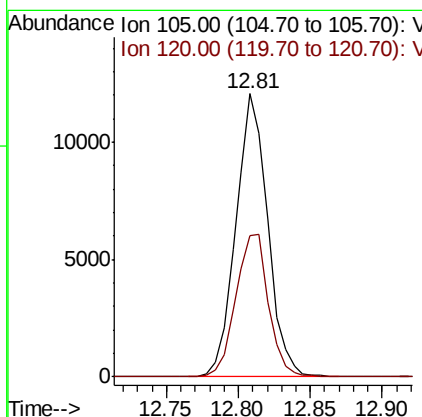
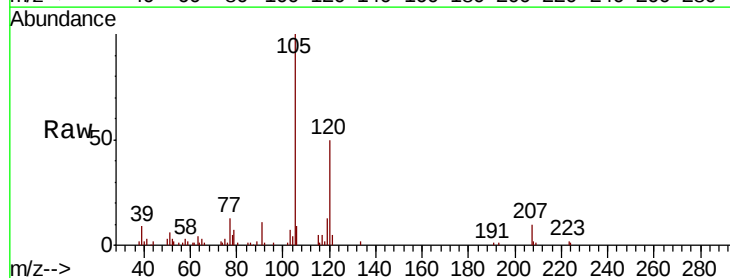
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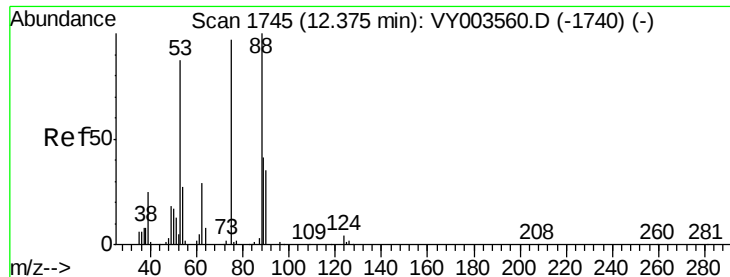
MMDadoda
11/23/2020 1:39:19 PM



#80
1,3,5-Trimethylbenzene
Concen: 5.184 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.6	26.3	78.8





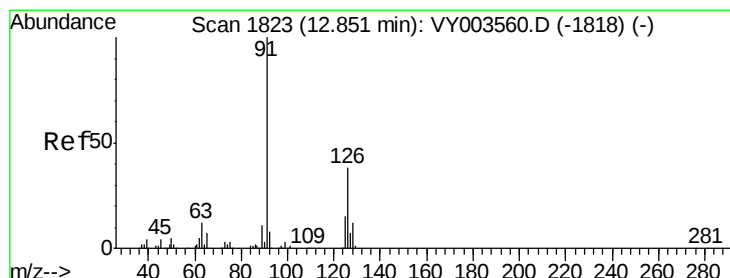
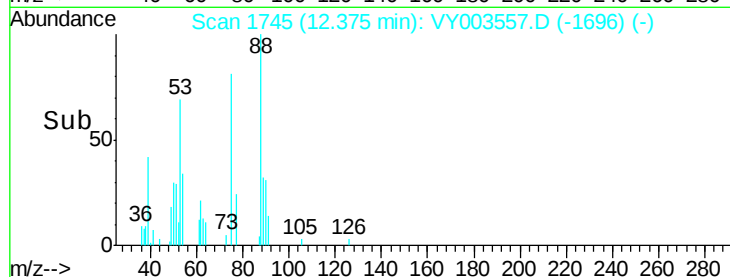
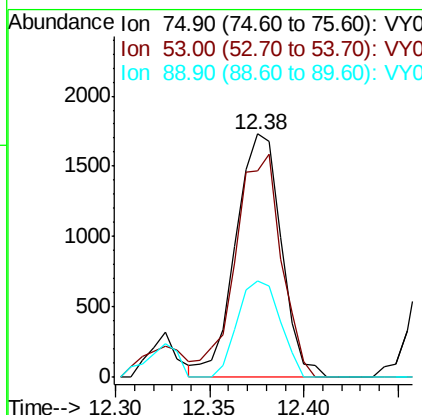
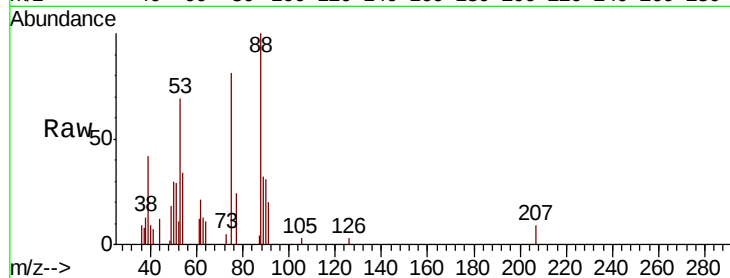
#81
trans-1,4-Dichloro-2-butene
Concen: 4.991 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.8	71.4	107.2
89	37.0	34.7	52.1

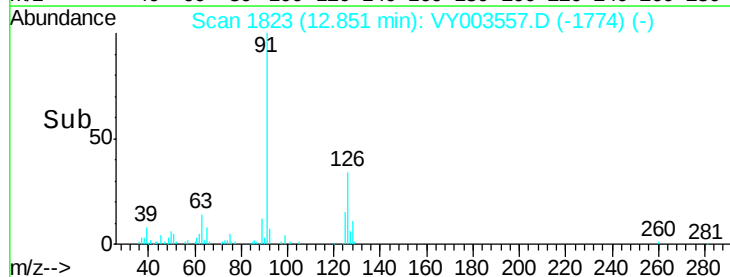
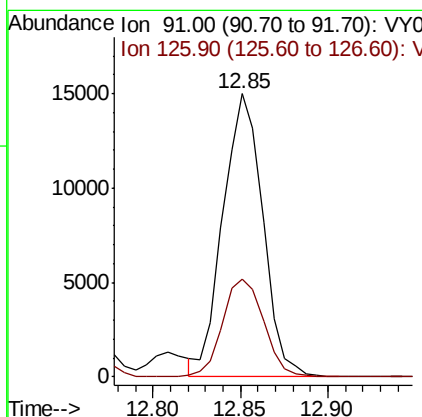
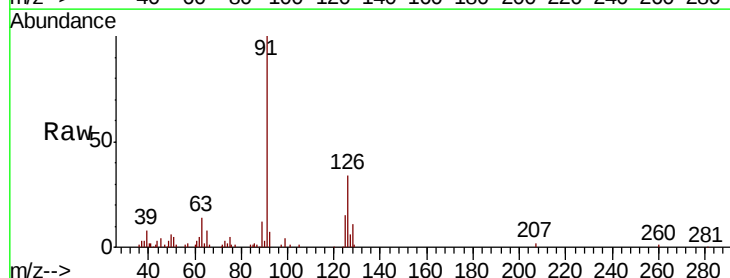
Manual Integrations
APPROVED

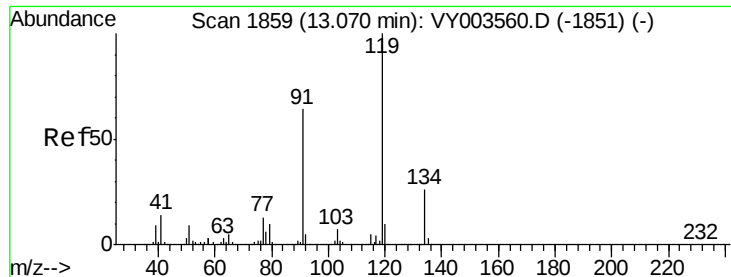
MMDadoda
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#82
4-Chlorotoluene
Concen: 5.027 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	18.1	54.3





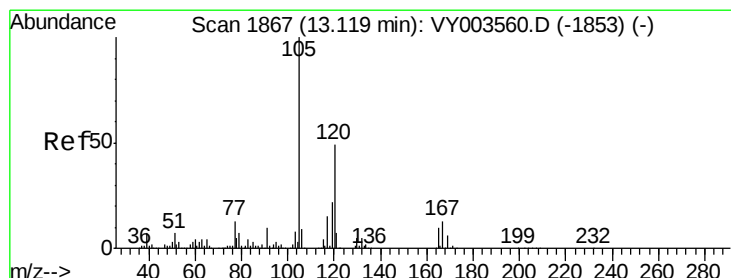
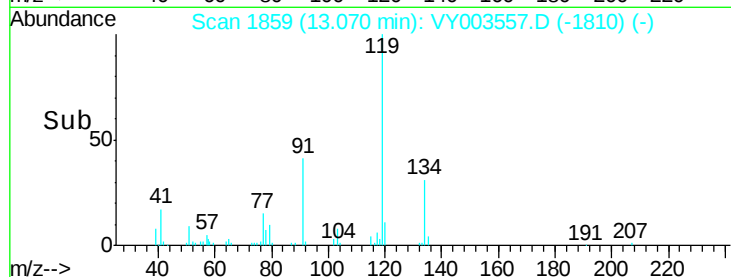
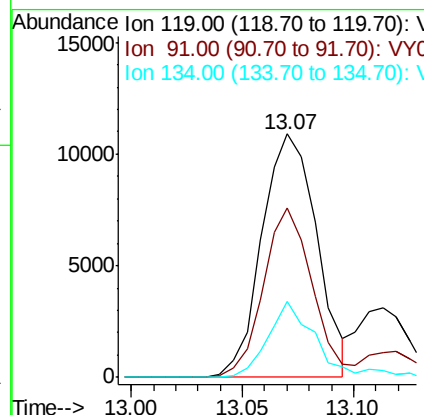
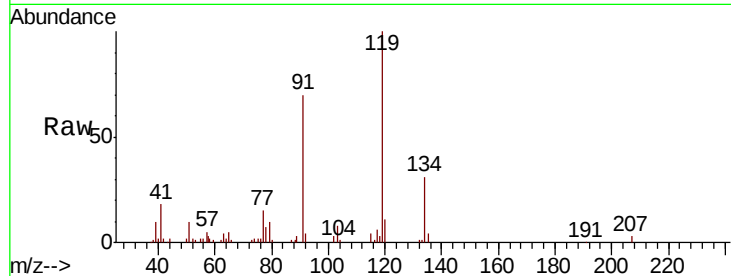
#83
tert-Butylbenzene
Concen: 5.168 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.8	95.3
134	27.7	14.1	42.2

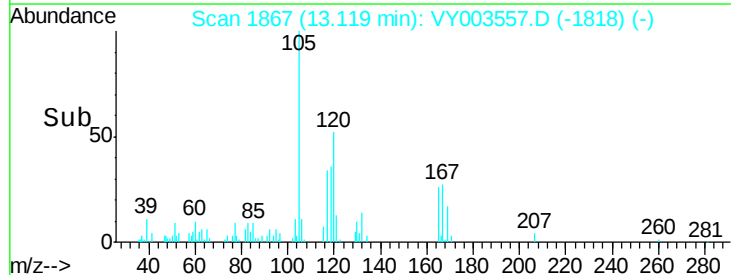
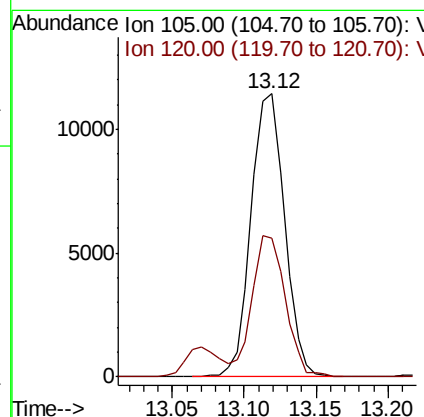
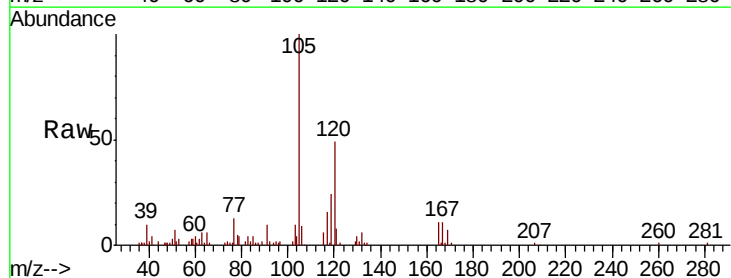
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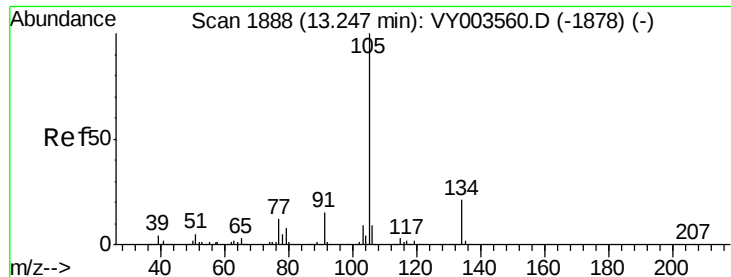
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 4.848 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.6	23.8	71.4





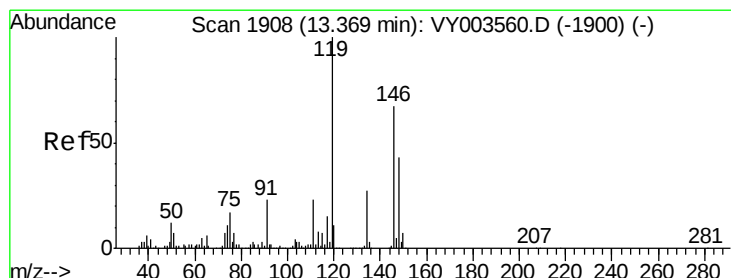
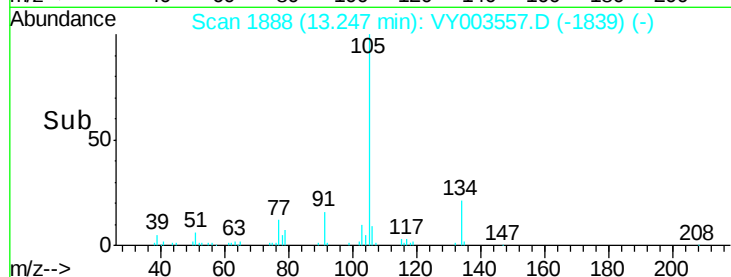
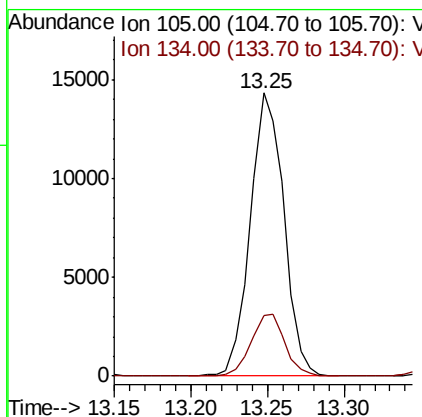
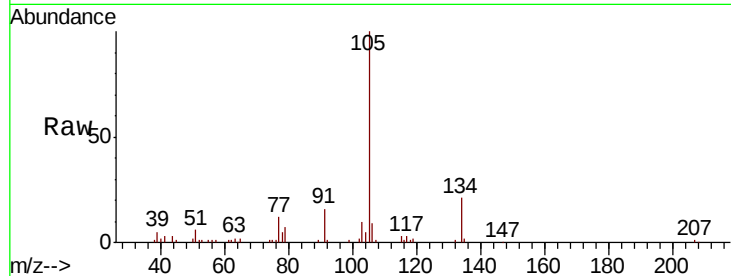
#85
 sec-Butylbenzene
 Concen: 5.350 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.1	10.4	31.2

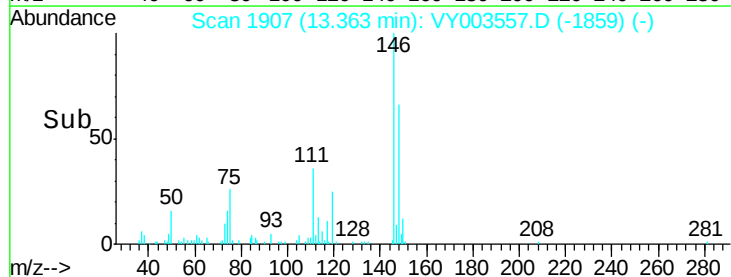
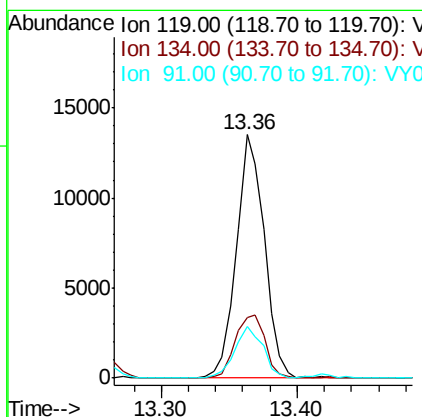
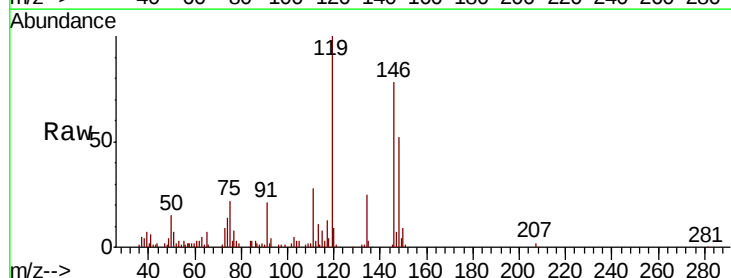
Manual Integrations
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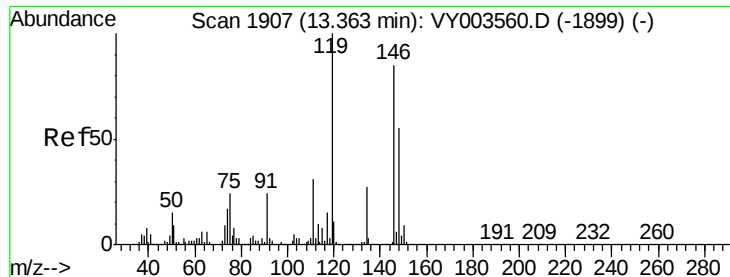
MMDadoda
 11/23/2020 1:39:19 PM



#86
 p-Isopropyltoluene
 Concen: 5.279 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.8	41.4
91	21.5	11.4	34.2





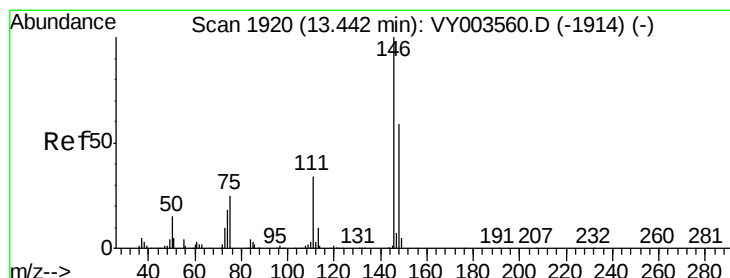
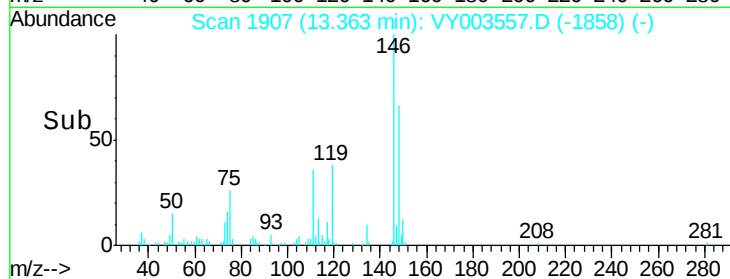
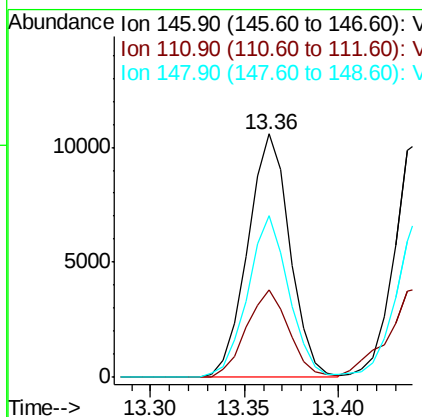
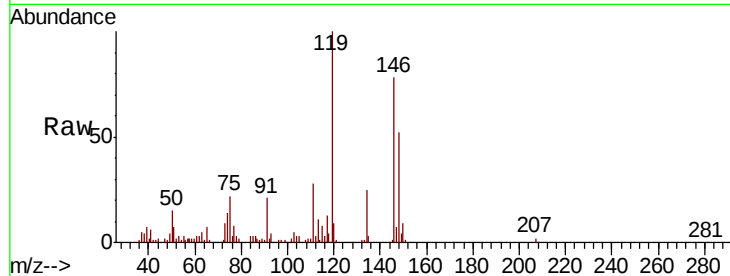
#87
 1,3-Dichlorobenzene
 Concen: 5.152 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.3	54.9
148	64.9	31.9	95.7

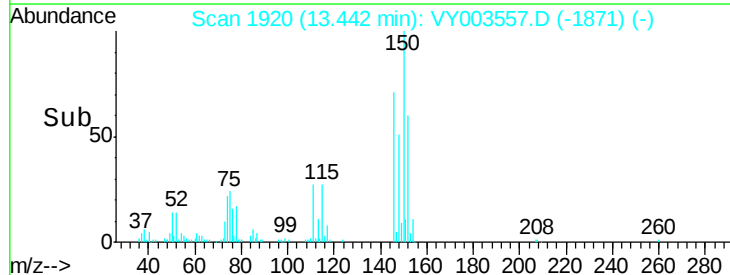
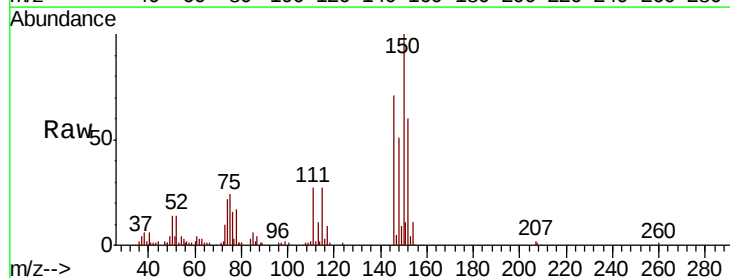
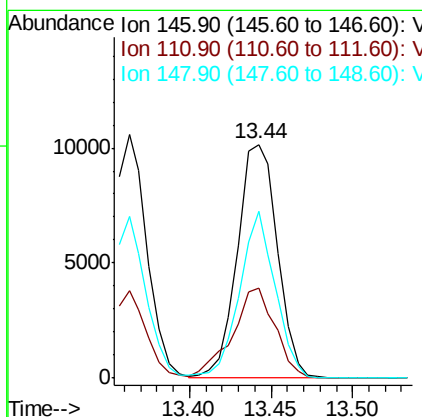
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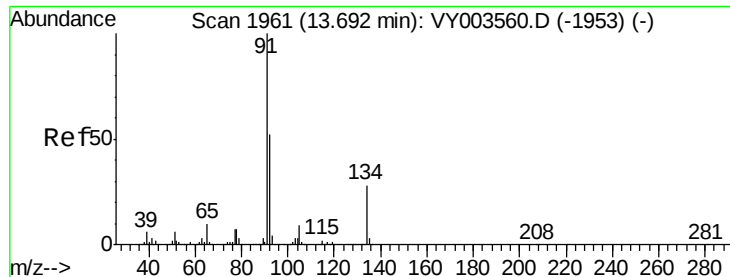
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 5.342 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	17.8	53.4
148	63.7	31.1	93.2





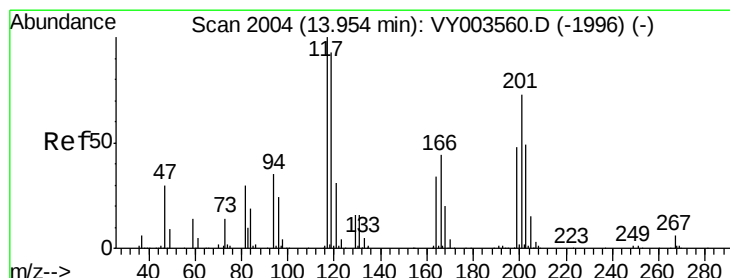
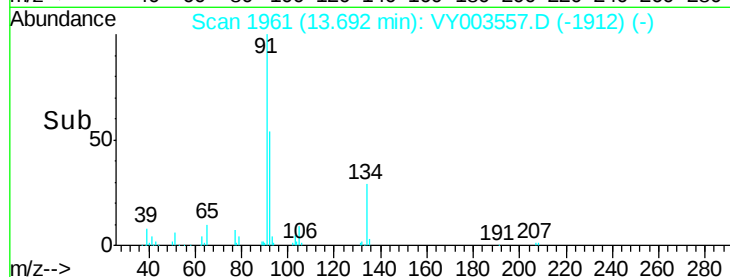
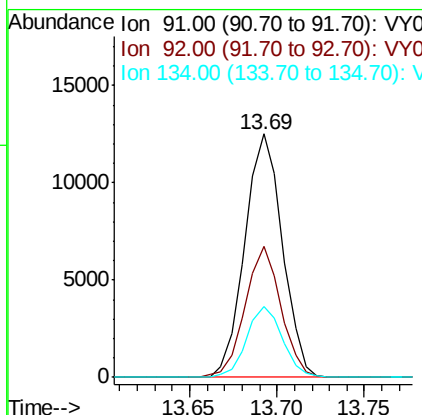
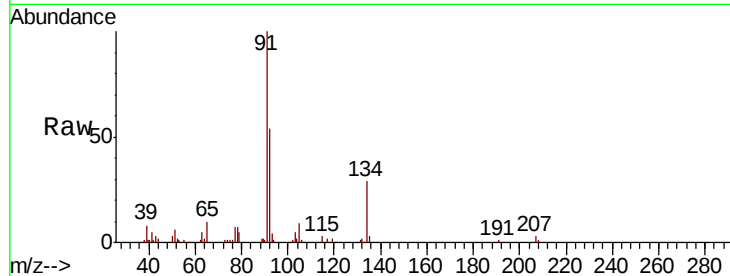
#89
n-Butylbenzene
Concen: 4.753 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.4	79.0
134	27.8	13.9	41.7

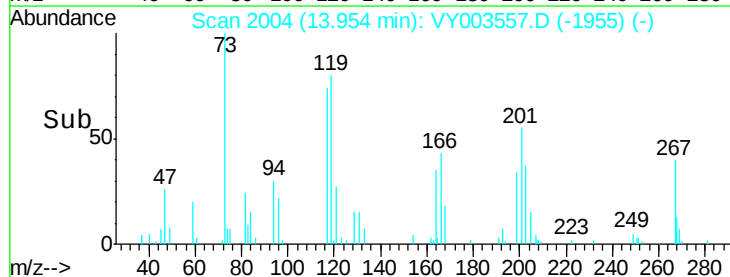
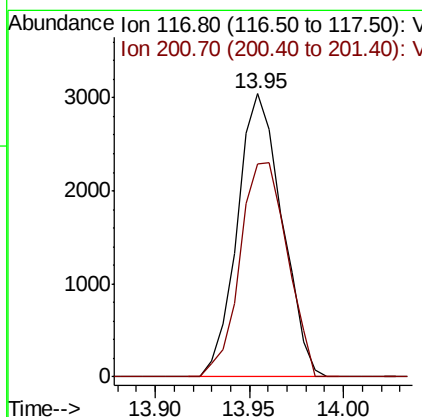
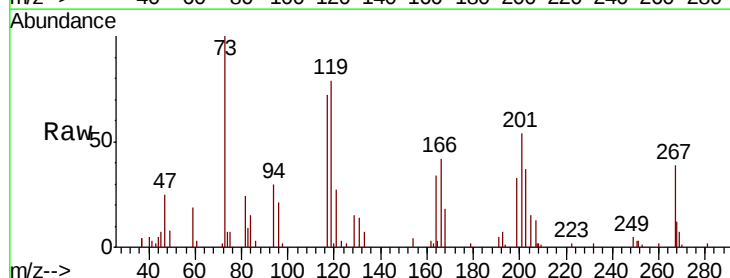
Manual Integrations
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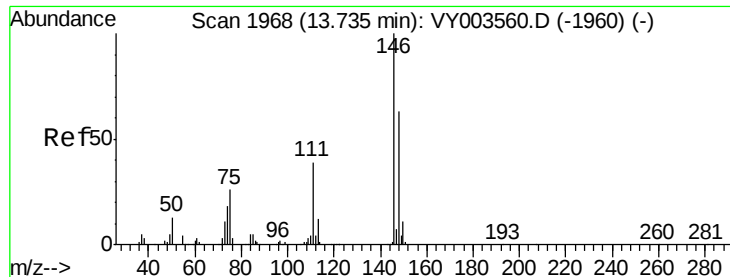
MMDadoda
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#90
Hexachloroethane
Concen: 5.176 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.8	41.3	123.9





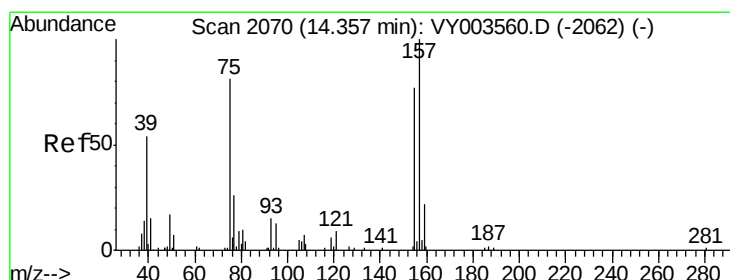
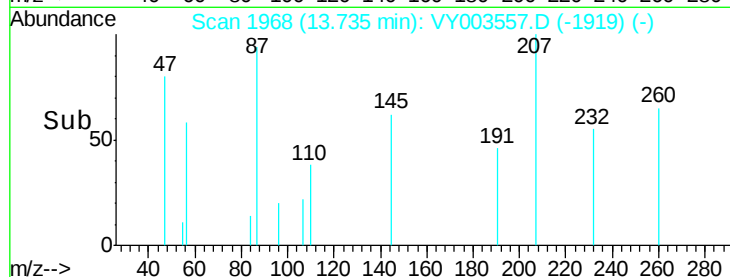
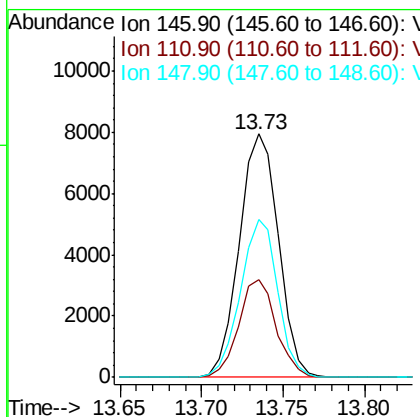
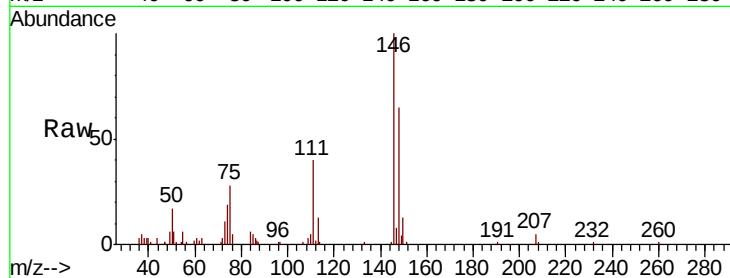
#91
 1,2-Dichlorobenzene
 Concen: 5.216 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	62.2	31.9	95.7

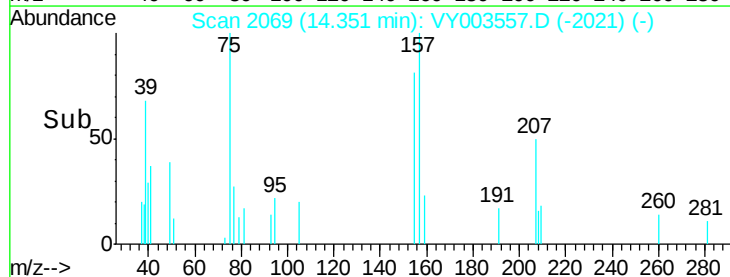
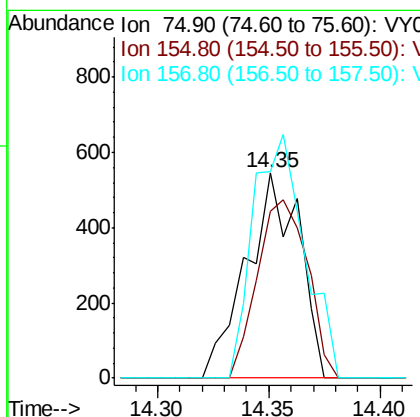
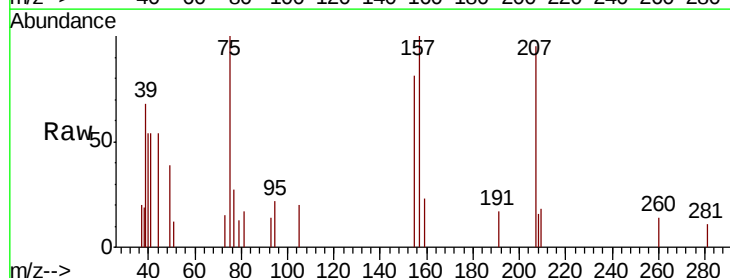
Manual Integrations
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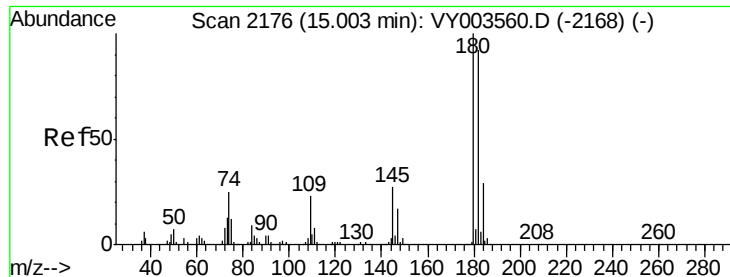
MMDadoda
 11/23/2020 1:39:19 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.194 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	45.4	136.2
157	115.9	59.7	179.1





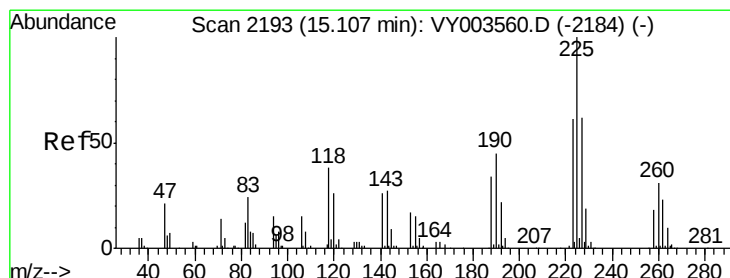
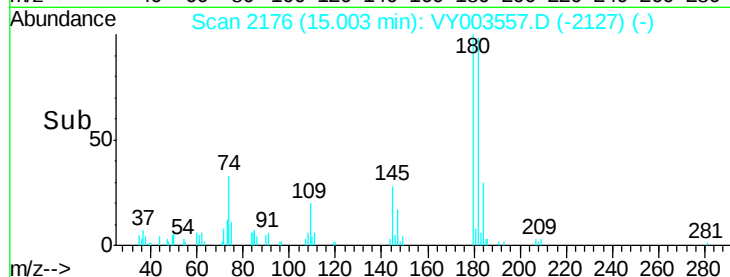
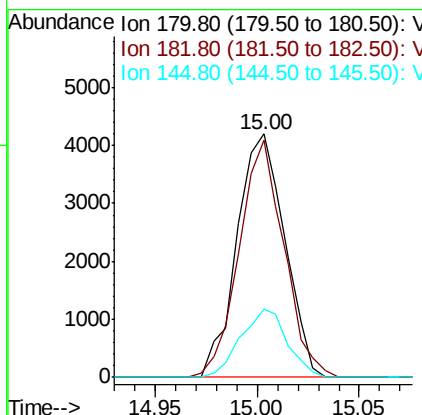
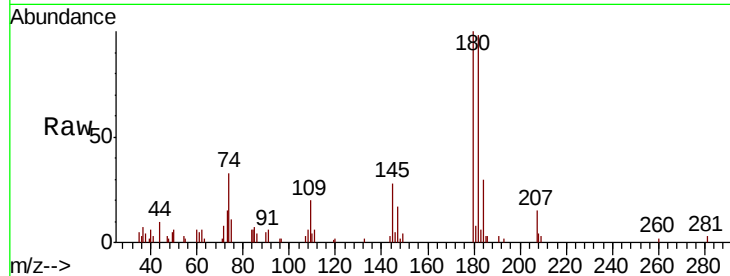
#93
 1,2,4-Trichlorobenzene
 Concen: 4.798 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion:	180	Resp:	6831
Ion Ratio	Lower	Upper	
180	100		
182	91.2	47.4	142.3
145	27.2	14.1	42.4

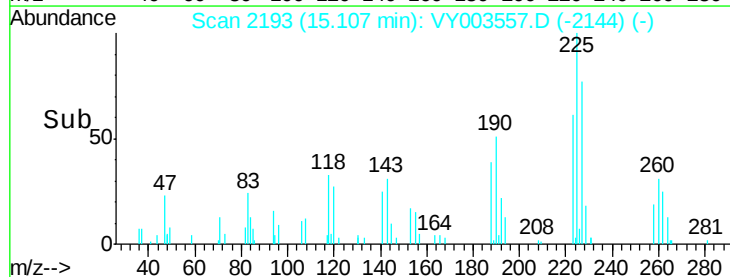
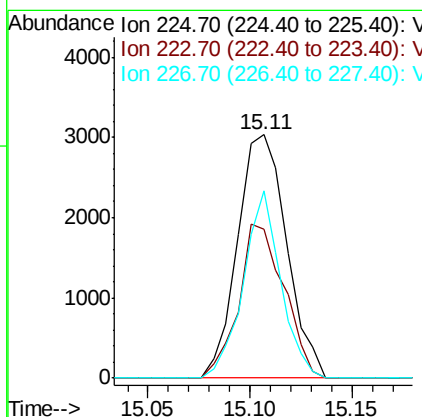
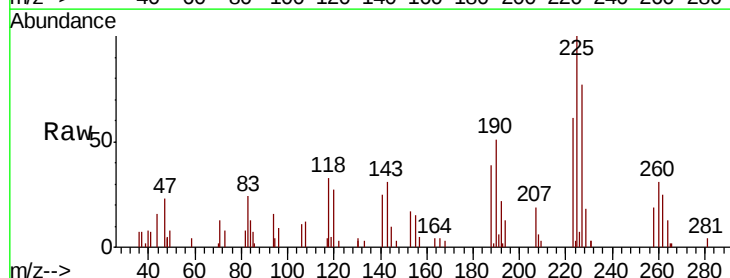
Manual Integrations
 APPROVED

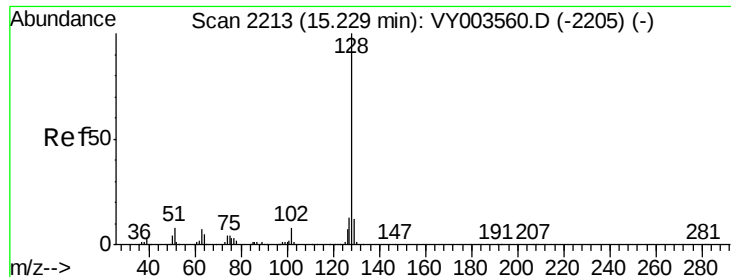
MMDadoda
 11/23/2020 1:39:19 PM



#94
 Hexachlorobutadiene
 Concen: 6.260 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY003557.D
 Acq: 20 Nov 2020 10:15

Tgt Ion:	225	Resp:	5066
Ion Ratio	Lower	Upper	
225	100		
223	58.7	32.0	96.0
227	58.6	31.6	94.7





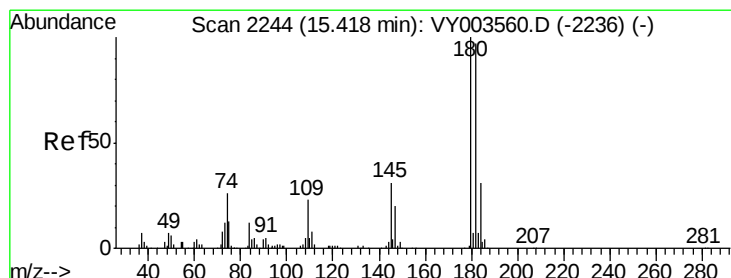
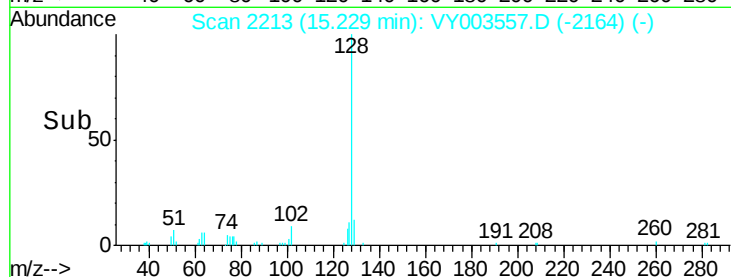
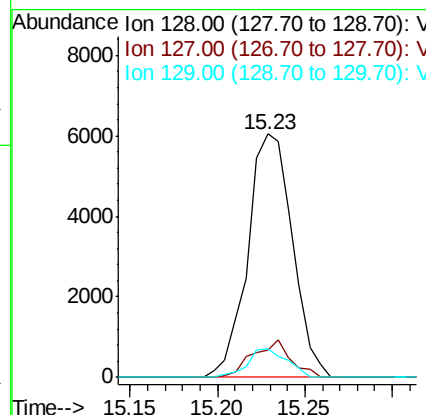
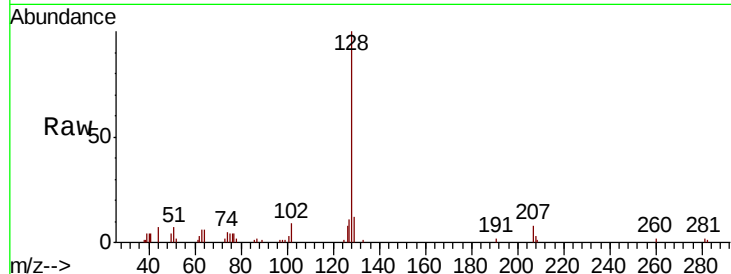
#95
Naphthalene
Concen: 4.438 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.2	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:39:19 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.092 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY003557.D
Acq: 20 Nov 2020 10:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.4	142.2
145	27.7	15.5	46.5

