

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018858.D
 Acq On : 09 Oct 2020 16:37
 Operator : JC/SP
 Sample : VX1009WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:31 PM

Quant Time: Oct 10 06:41:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	195756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	299351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	279166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	153507	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	138122	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
35) Dibromofluoromethane	5.46	113	101072	47.38	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	8.70	98	351106	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.12	95	140882	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	44419	20.186	ug/l	98
3) Chloromethane	1.31	50	34008	18.535	ug/l	92
4) Vinyl Chloride	1.39	62	38047	18.551	ug/l	97
5) Bromomethane	1.64	94	22731	19.900	ug/l	98
6) Chloroethane	1.72	64	24594	17.904	ug/l	95
7) Trichlorofluoromethane	1.92	101	74524	18.434	ug/l	100
8) Diethyl Ether	2.17	74	21778	19.962	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35995	18.539	ug/l	98
10) Methyl Iodide	2.50	142	25718	15.592	ug/l	100
11) Tert butyl alcohol	3.01	59	44319	97.462	ug/l	99
12) 1,1-Dichloroethene	2.36	96	34120	19.325	ug/l	94
13) Acrolein	2.28	56	31004	81.947	ug/l	97
14) Allyl chloride	2.71	41	57672	17.595	ug/l	96
15) Acrylonitrile	3.11	53	88635	91.906	ug/l	99
16) Acetone	2.42	43	97820	86.366	ug/l	98
17) Carbon Disulfide	2.55	76	96512	18.206	ug/l	100
18) Methyl Acetate	2.75	43	43328	18.053	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	113921	18.794	ug/l	99
20) Methylene Chloride	2.84	84	39256	19.374	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	37428	17.849	ug/l	86
22) Diisopropyl ether	3.82	45	111849	19.066	ug/l	87
23) Vinyl Acetate	3.78	43	535188	94.859	ug/l	100
24) 1,1-Dichloroethane	3.67	63	69082	17.515	ug/l	97
25) 2-Butanone	4.63	43	135705	86.778	ug/l	100
26) 2,2-Dichloropropane	4.55	77	66620	17.506	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	42248	18.143	ug/l	99
28) Bromochloromethane	4.98	49	33661	20.257	ug/l	93
29) Tetrahydrofuran	5.09	42	77182	91.990	ug/l	99
30) Chloroform	5.17	83	76229	17.542	ug/l	93
31) Cyclohexane	5.55	56	48961	18.156	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	73608	17.824	ug/l	99
36) 1,1-Dichloropropene	5.77	75	52829	16.785	ug/l	97
37) Ethyl Acetate	4.79	43	55350	18.211	ug/l	98
38) Carbon Tetrachloride	5.75	117	67546	17.315	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	51589	17.781	ug/l	97
40) Benzene	6.11	78	148879	17.607	ug/l	97
41) Methacrylonitrile	5.00	41	30837	17.489	ug/l	99
42) 1,2-Dichloroethane	6.16	62	68199	17.203	ug/l	100
43) Isopropyl Acetate	6.41	43	89439	17.707	ug/l	100
44) Trichloroethene	7.18	130	43820	17.280	ug/l	98
45) 1,2-Dichloropropane	7.49	63	39651	17.722	ug/l	100
46) Dibromomethane	7.63	93	29365	17.760	ug/l	100
47) Bromodichloromethane	7.87	83	61517	17.169	ug/l	95
48) Methyl methacrylate	7.74	41	43927	17.139	ug/l	100
49) 1,4-Dioxane	7.71	88	11748	326.895	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	271838	92.206	ug/l	99
52) Toluene	8.76	92	97555	17.978	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	66742	17.990	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	69291	18.156	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	41726	17.902	ug/l	96
56) Ethyl methacrylate	9.16	69	56192	18.480	ug/l	97
57) 1,3-Dichloropropane	9.35	76	68248	18.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	156160	92.599	ug/l	100
59) 2-Hexanone	9.47	43	204943	91.242	ug/l	99
60) Dibromochloromethane	9.56	129	50083	17.117	ug/l	98
61) 1,2-Dibromoethane	9.65	107	44541	17.820	ug/l	99
64) Tetrachloroethene	9.32	164	39856	18.813	ug/l	97
65) Chlorobenzene	10.12	112	108891	18.049	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	44820	18.008	ug/l	98
67) Ethyl Benzene	10.23	91	182664	17.948	ug/l	97
68) m/p-Xylenes	10.34	106	144311	37.322	ug/l	95
69) o-Xylene	10.68	106	64353	17.665	ug/l	100
70) Styrene	10.70	104	114160	18.510	ug/l	99
71) Bromoform	10.84	173	37832	17.574	ug/l #	97
73) Isopropylbenzene	11.00	105	184107	18.334	ug/l	99
74) N-amyl acetate	10.88	43	73486	18.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	60531	18.086	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	59094m	17.866	ug/l	
77) Bromobenzene	11.24	156	49764	18.041	ug/l	97
78) n-propylbenzene	11.34	91	207561	18.140	ug/l	100
79) 2-Chlorotoluene	11.40	91	130911	18.354	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	162975	18.974	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	21085	18.066	ug/l	97
82) 4-Chlorotoluene	11.49	91	158016	18.632	ug/l	100
83) tert-Butylbenzene	11.76	119	156955	18.247	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	164000	18.782	ug/l	97
85) sec-Butylbenzene	11.93	105	176461	18.210	ug/l	99
86) p-Isopropyltoluene	12.05	119	172220	18.733	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	93530	18.462	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	93563	18.233	ug/l	98
89) n-Butylbenzene	12.37	91	144121	18.042	ug/l	98
90) Hexachloroethane	12.58	117	29772	17.419	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	87710	18.189	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	14616	17.075	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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ClientSampleId :
VX1009WBSD01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	56799	18.360	ug/l	95
94) Hexachlorobutadiene	13.76	225	26364	19.186	ug/l	94
95) Naphthalene	13.82	128	166100	18.169	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	57286	18.926	ug/l	97

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

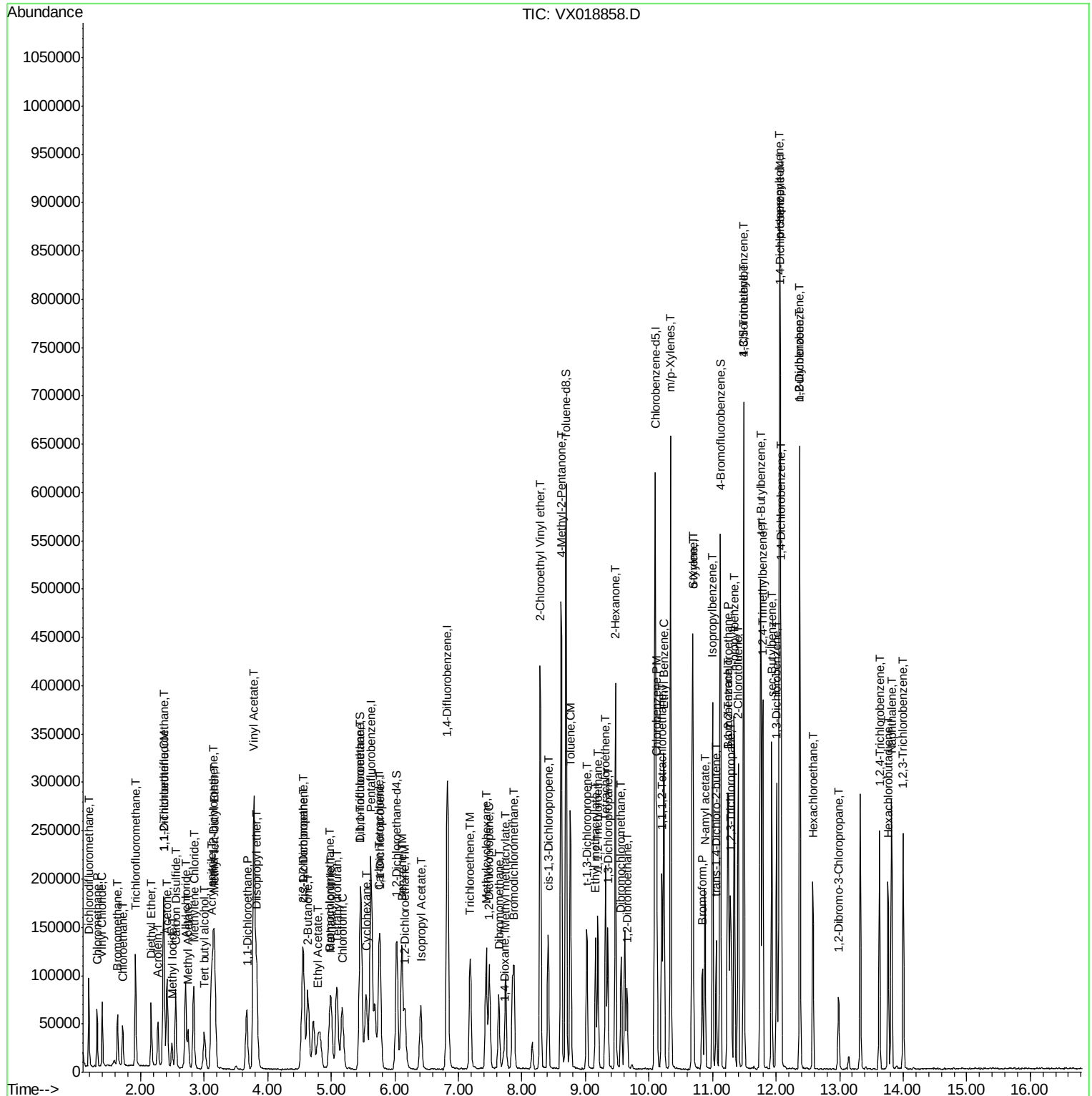
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Data File : VX018858.D
Acq On : 09 Oct 2020 16:37
Operator : JC/SP
Sample : VX1009WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

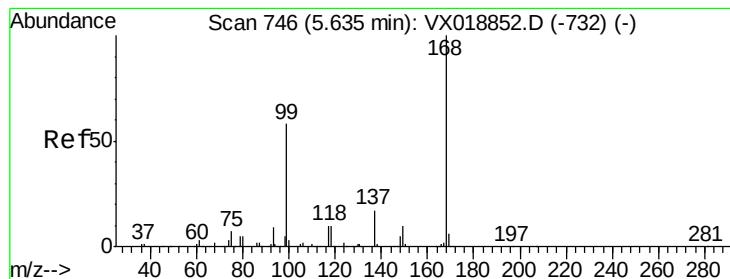
Instrument :
MSVOA_X
ClientSampleID :
VX1009WBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion:168 Resp: 195756

Ion Ratio Lower Upper

168 100

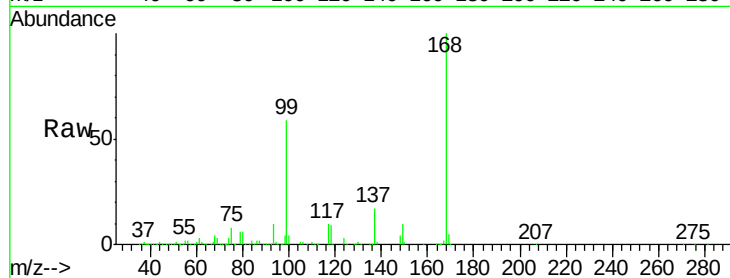
99 58.5 46.1 69.1

Manual Integrations

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10/12/2020 2:23:31 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

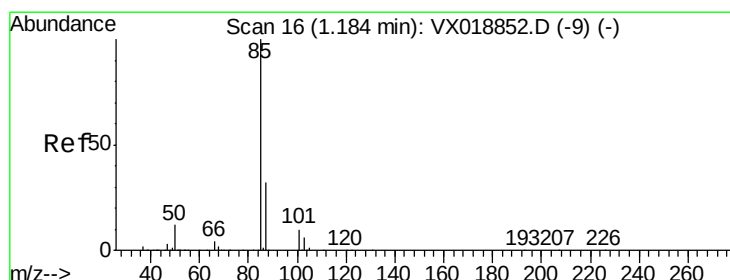
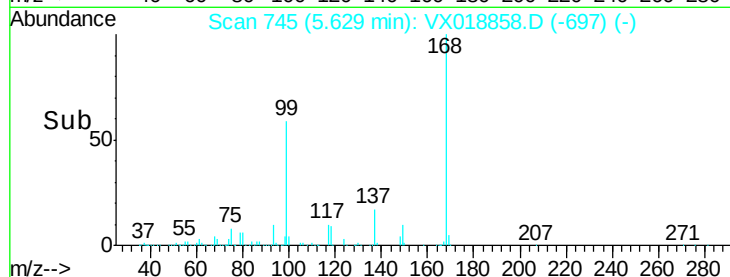
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 20.186 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018858.D

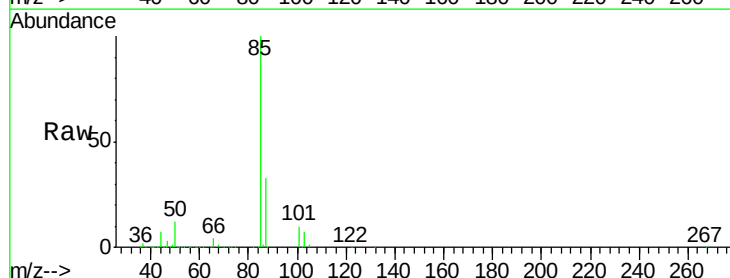
Acq: 09 Oct 2020 16:37

Tgt Ion: 85 Resp: 44419

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

30000

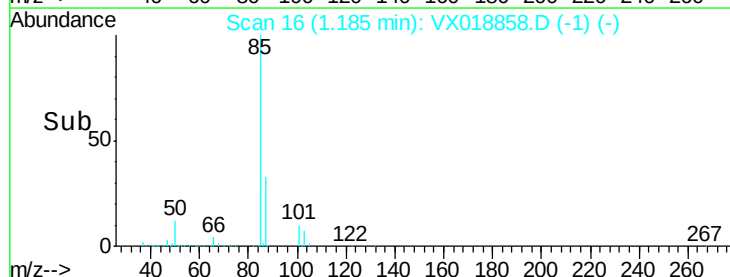
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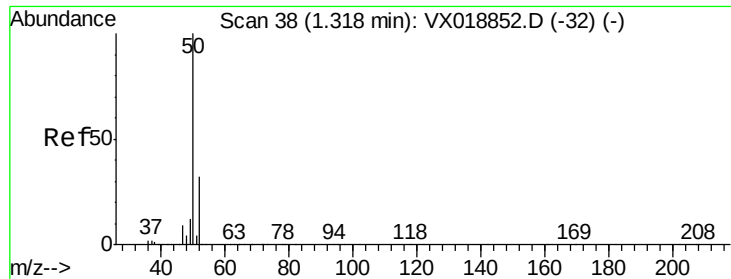
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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.535 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion: 50 Resp: 34008

Ion Ratio Lower Upper

50 100

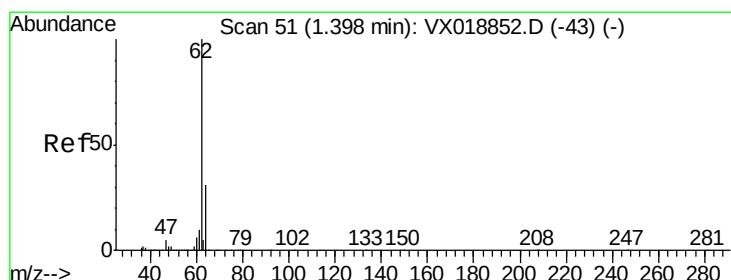
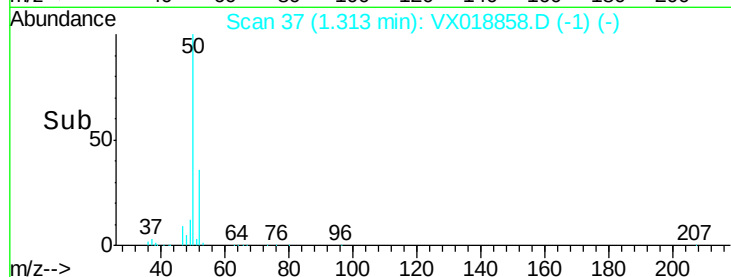
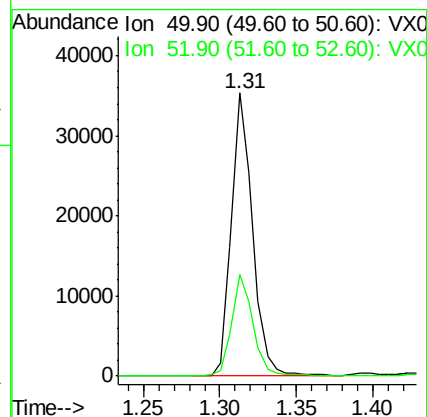
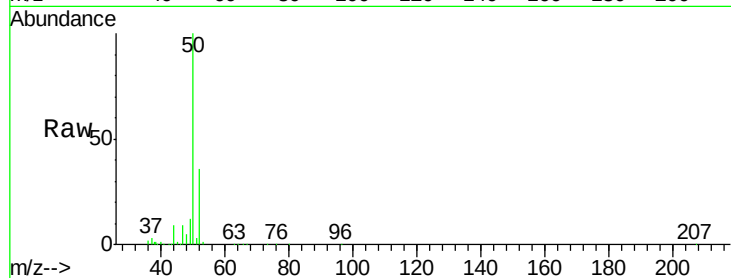
52 35.8 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.551 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018858.D

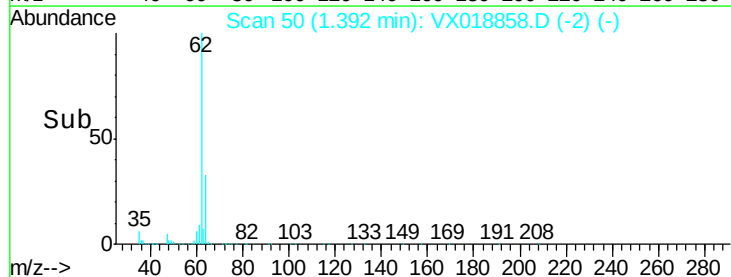
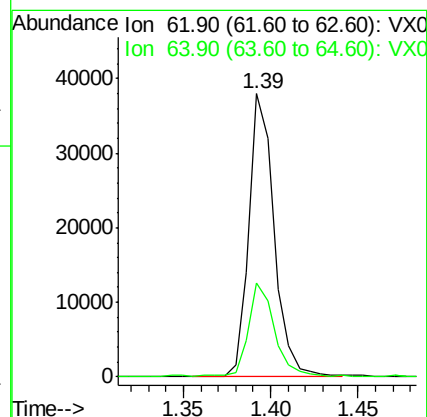
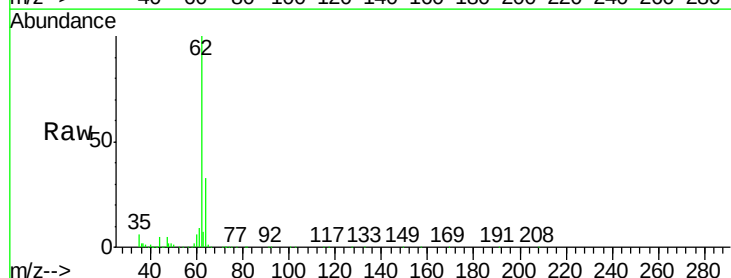
Acq: 09 Oct 2020 16:37

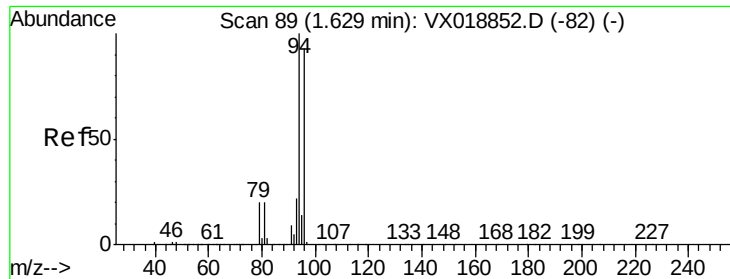
Tgt Ion: 62 Resp: 38047

Ion Ratio Lower Upper

62 100

64 32.6 24.6 37.0





#5

Bromomethane

Concen: 19.900 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion: 94 Resp: 22731

Ion Ratio Lower Upper

94 100

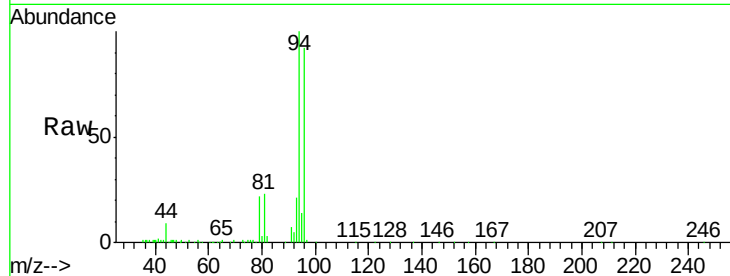
96 91.4 74.5 111.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

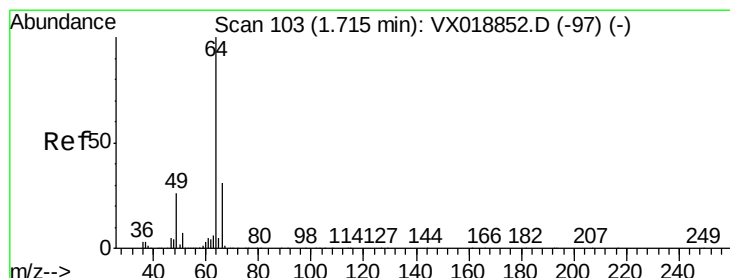
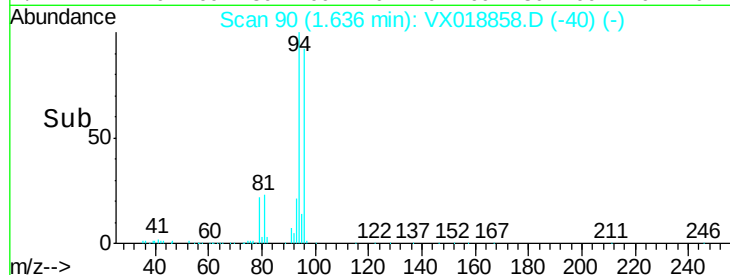
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.904 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018858.D

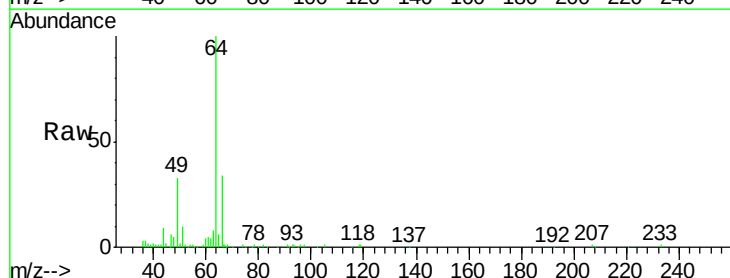
Acq: 09 Oct 2020 16:37

Tgt Ion: 64 Resp: 24594

Ion Ratio Lower Upper

64 100

66 33.9 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

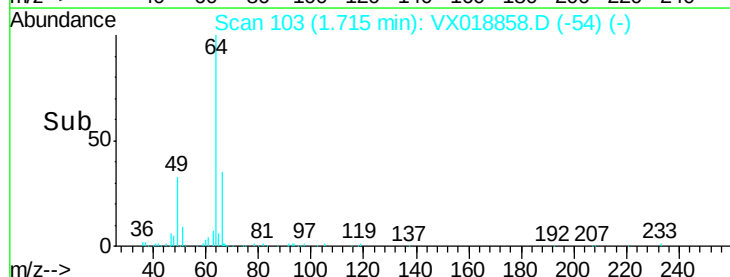
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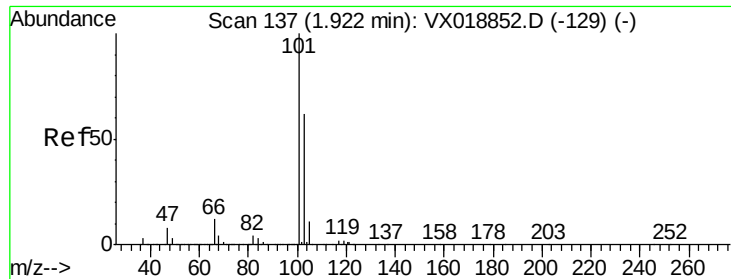
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5000

0

Time-->





#7

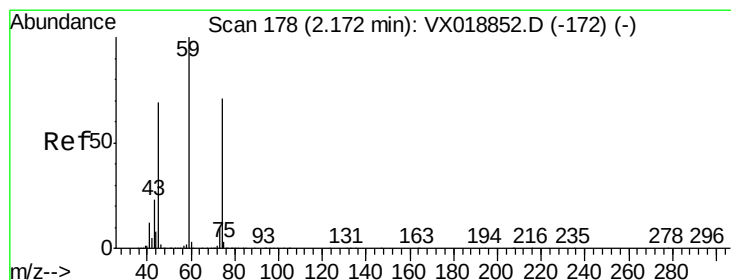
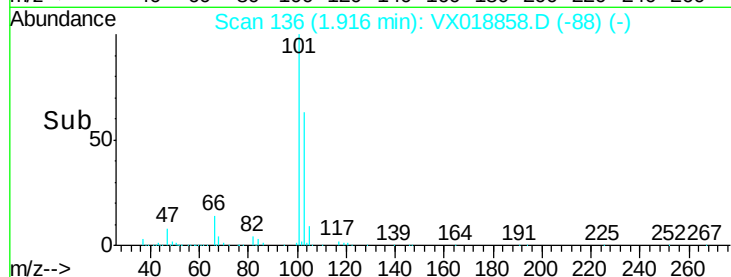
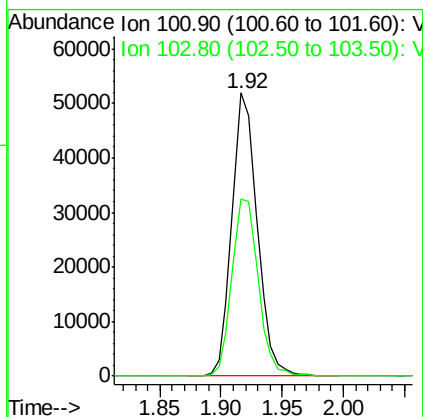
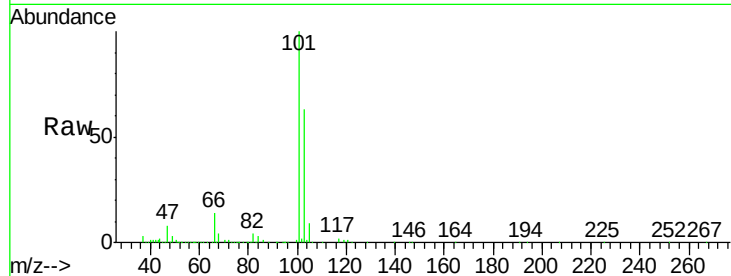
Trichlorofluoromethane
Concen: 18.434 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	50.0	75.0

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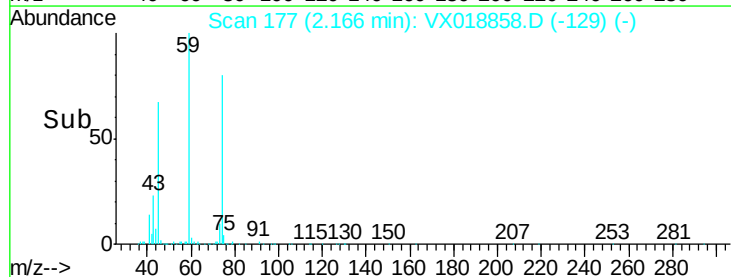
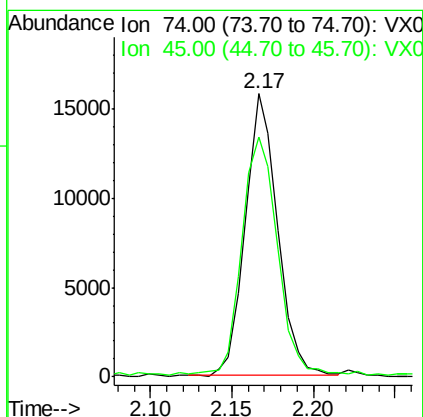
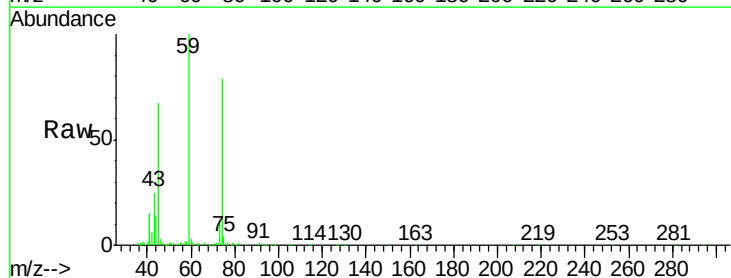
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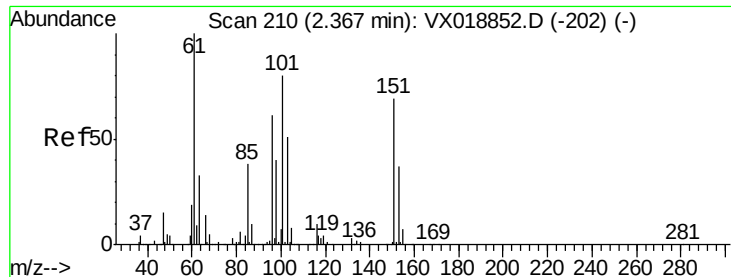


#8

Diethyl Ether
Concen: 19.962 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	47.0	141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.539 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018858.D

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Instrument :

MSVOA_X

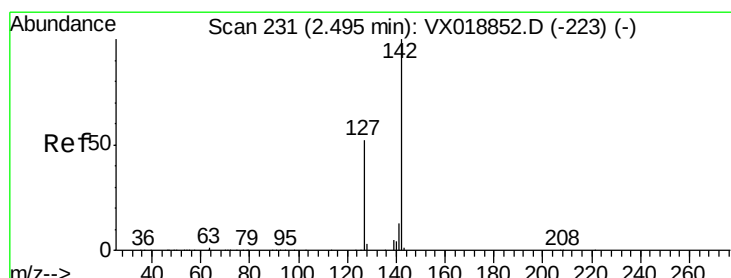
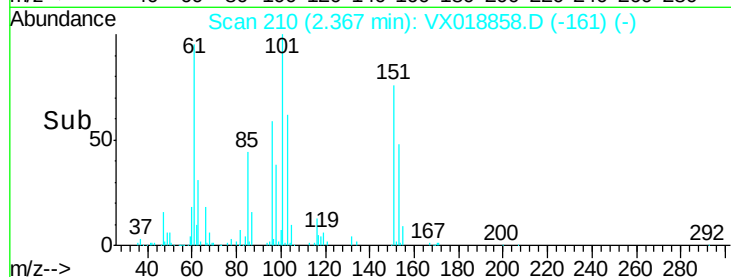
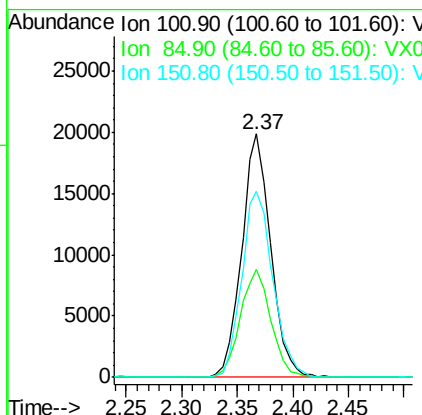
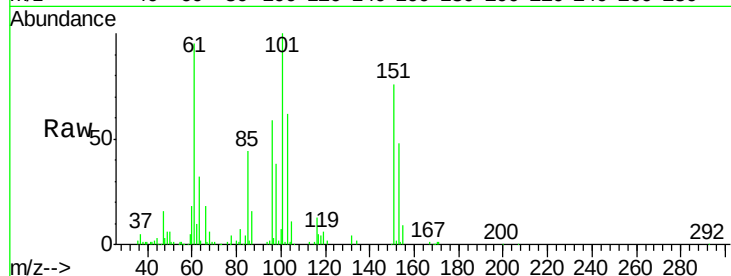
ClientSampleId :

VX1009WBSD01

Tot Ion:	101	Resp:	35995
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.6	55.0
151	81.8	67.2	100.8

Manual Integrations
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#10

Methyl Iodide

Concen: 15.592 ug/l

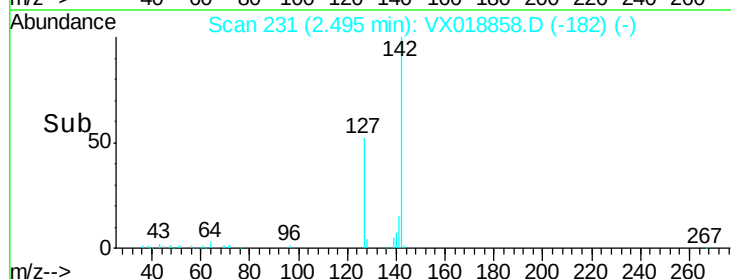
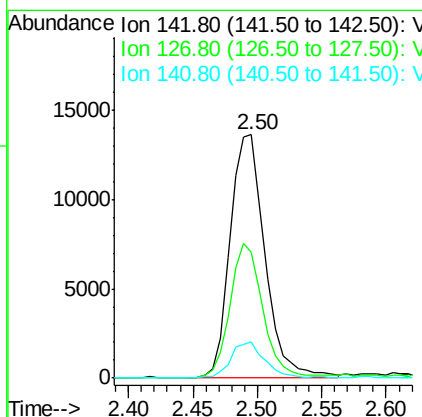
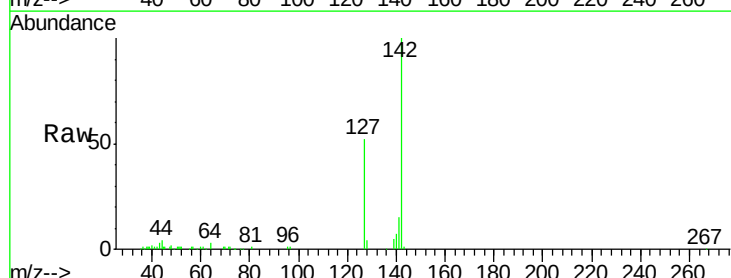
RT: 2.50 min Scan# 231

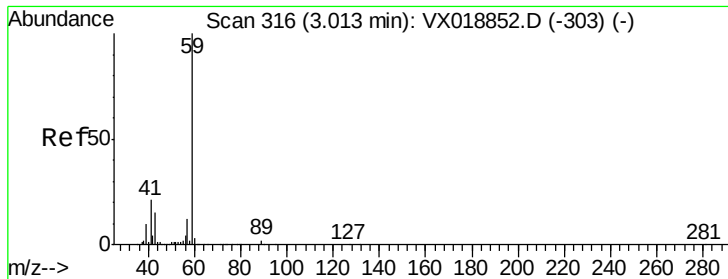
Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Tgt Ion:	142	Resp:	25718
Ion Ratio	Lower	Upper	
142	100		
127	52.3	42.0	63.0
141	14.5	11.8	17.6





#11

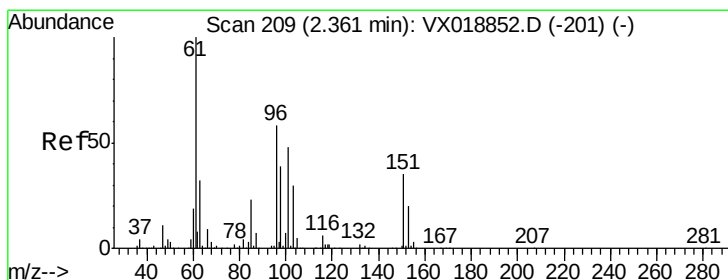
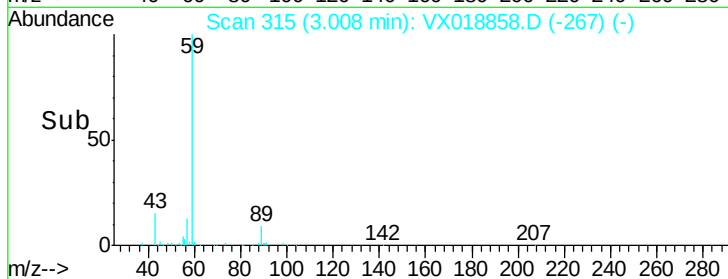
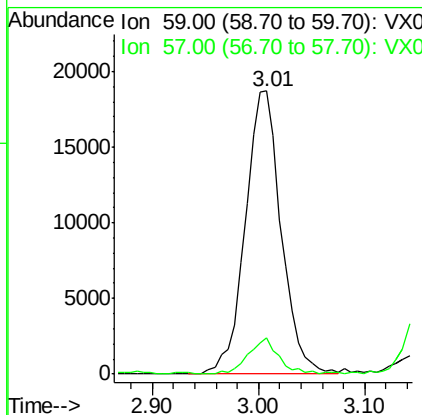
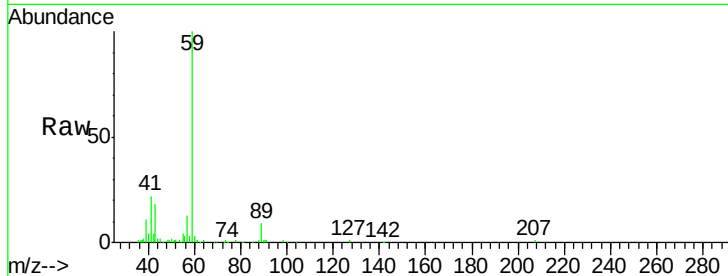
Tert butyl alcohol
Concen: 97.462 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	9.0	13.6

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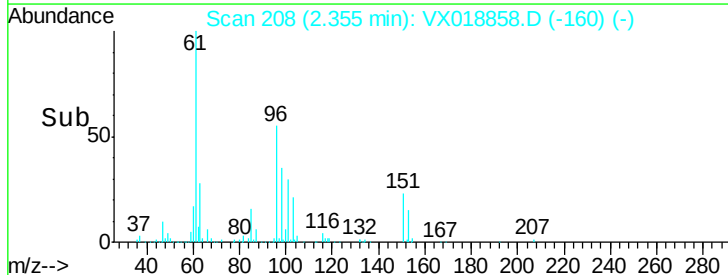
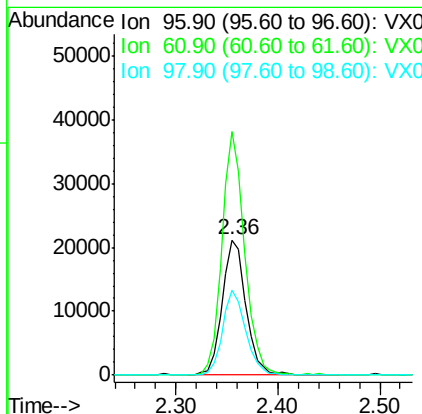
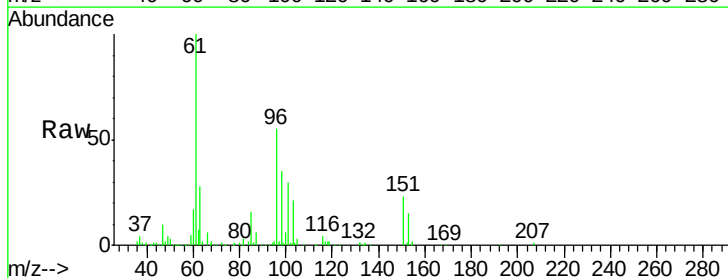
MMDadoda
10/12/2020 2:23:31 PM

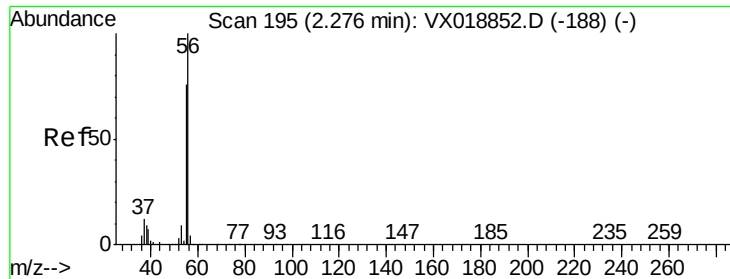


#12

1,1-Dichloroethene
Concen: 19.325 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.4	137.0	205.6
98	63.4	53.9	80.9





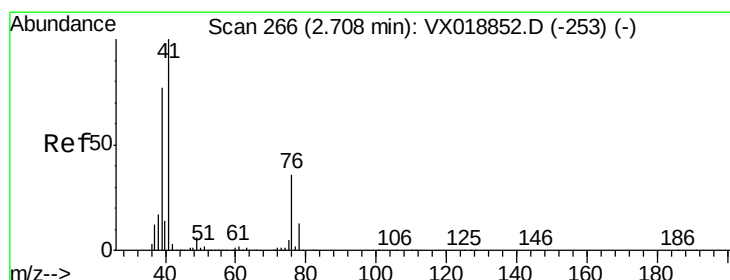
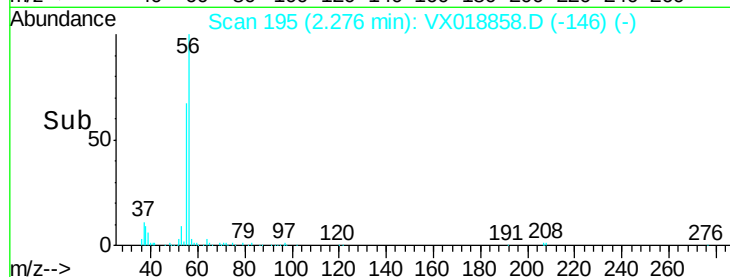
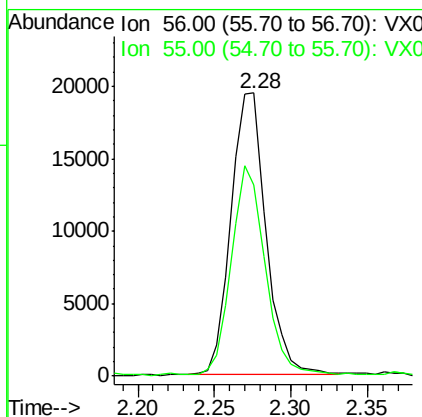
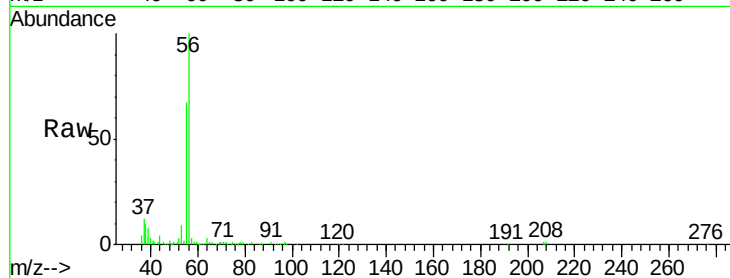
#13
Acrolein
Concen: 81.947 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.7	58.6	87.8

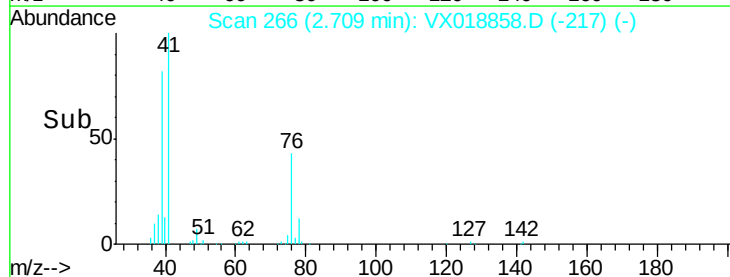
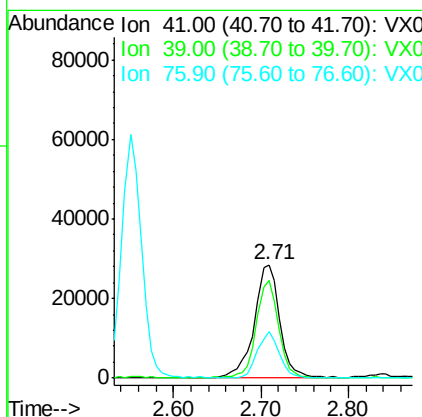
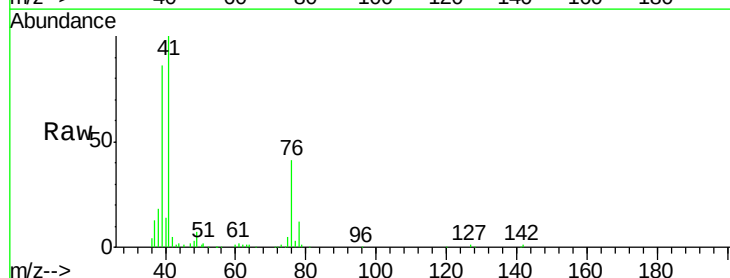
Manual Integrations
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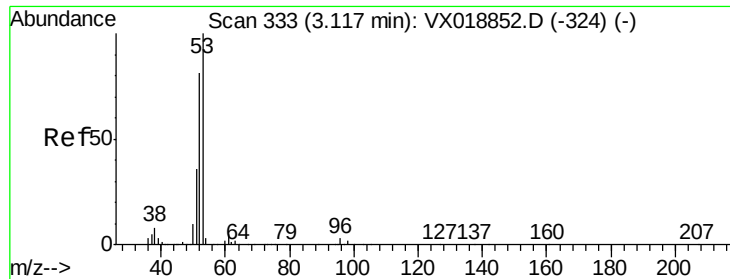
MMDadoda
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#14
Allyl chloride
Concen: 17.595 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.2	57.8	86.8
76	35.7	26.8	40.2





#15

Acrylonitrile

Concen: 91.906 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

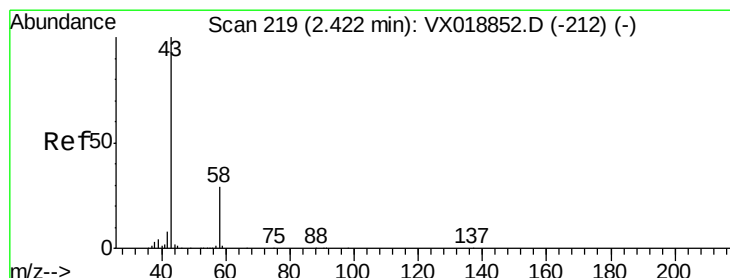
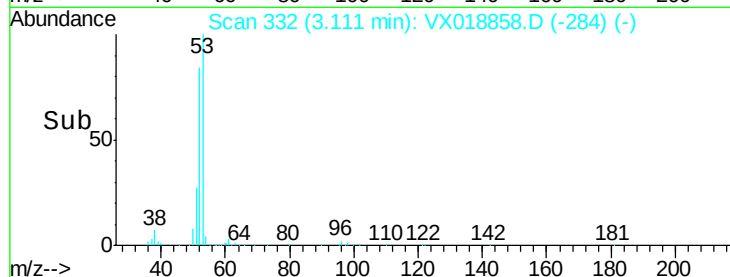
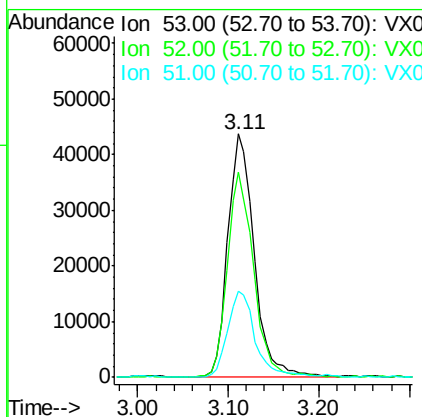
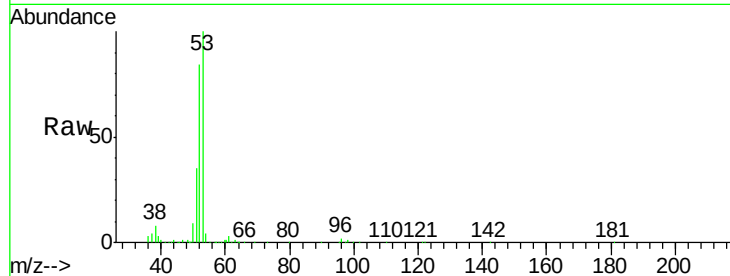
ClientSampleId :

VX1009WBSD01

Tot Ion:	53	Resp:	88635
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.7	100.1
51	37.0	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 86.366 ug/l

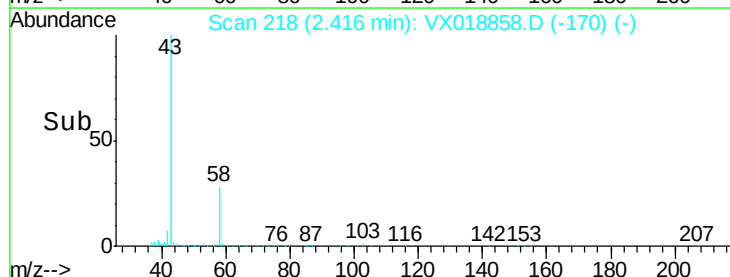
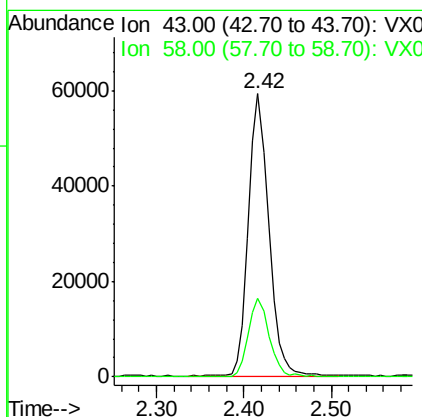
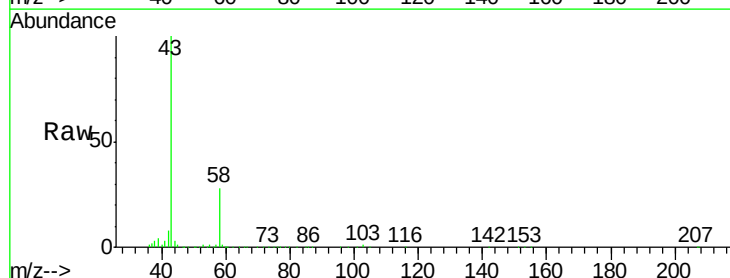
RT: 2.42 min Scan# 218

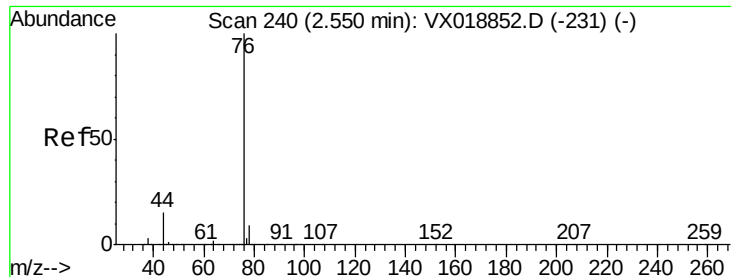
Delta R.T. -0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Tgt Ion:	43	Resp:	97820
Ion	Ratio	Lower	Upper
43	100		
58	27.7	23.0	34.4





#17

Carbon Disulfide

Concen: 18.206 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion: 76 Resp: 96512

Ion Ratio Lower Upper

76 100

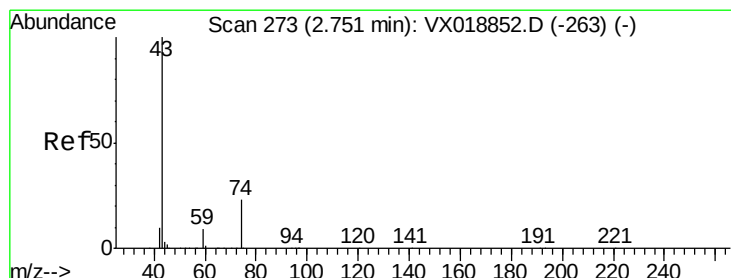
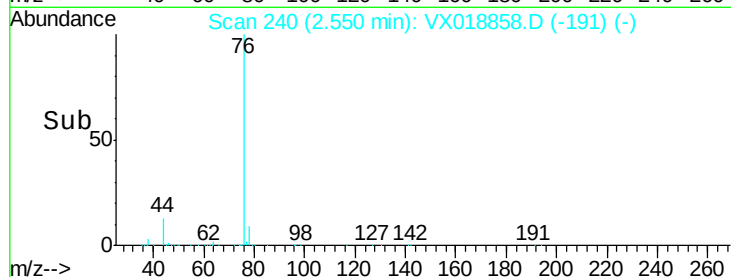
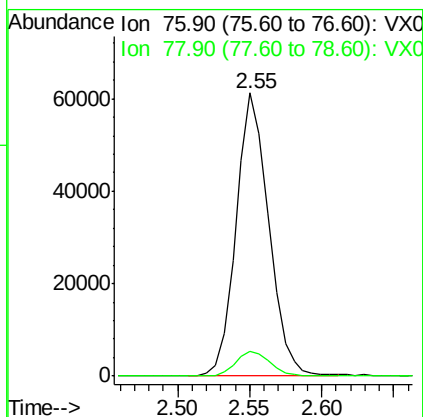
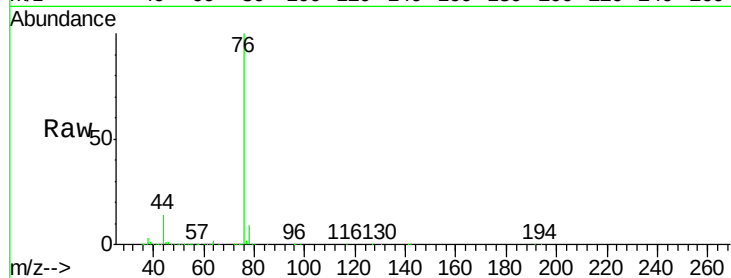
78 8.9 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 18.053 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018858.D

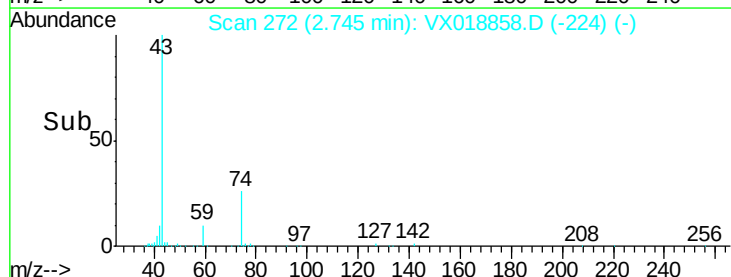
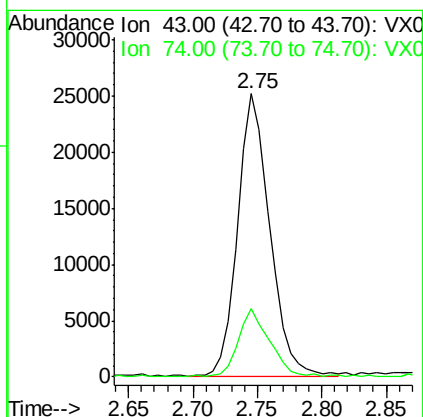
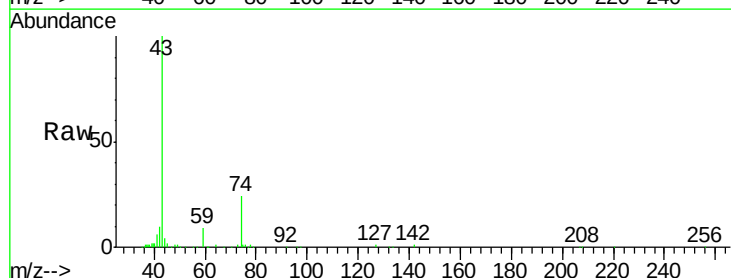
Acq: 09 Oct 2020 16:37

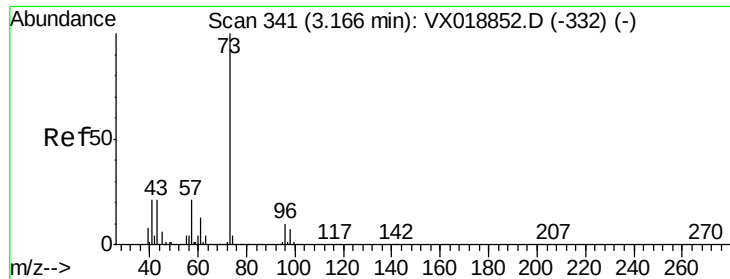
Tgt Ion: 43 Resp: 43328

Ion Ratio Lower Upper

43 100

74 24.1 18.9 28.3





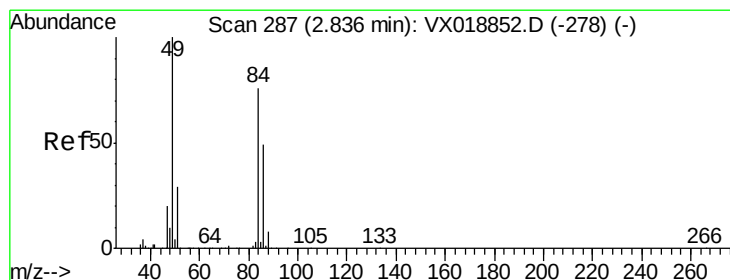
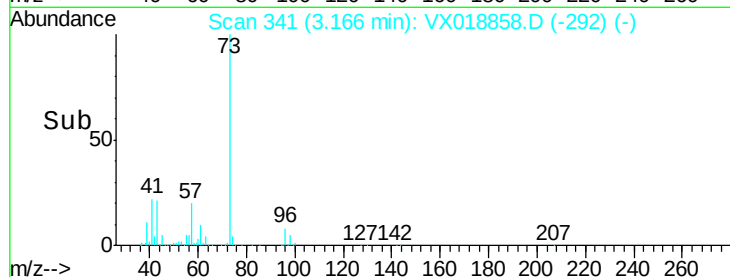
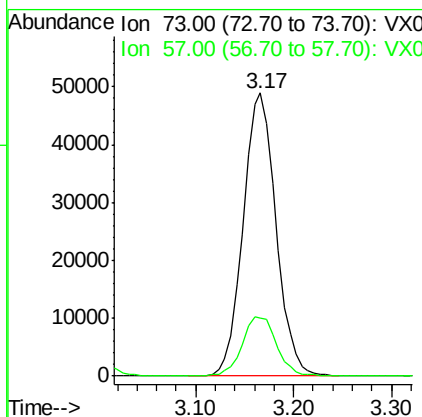
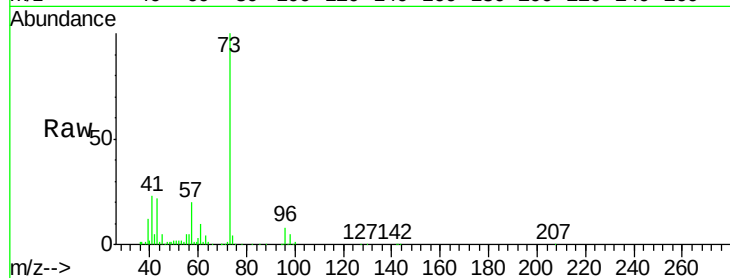
#19
Methyl tert-butyl Ether
Concen: 18.794 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	73	Resp	113921
Ion Ratio	100	Lower	Upper
73	100	16.7	25.1
57	20.3		

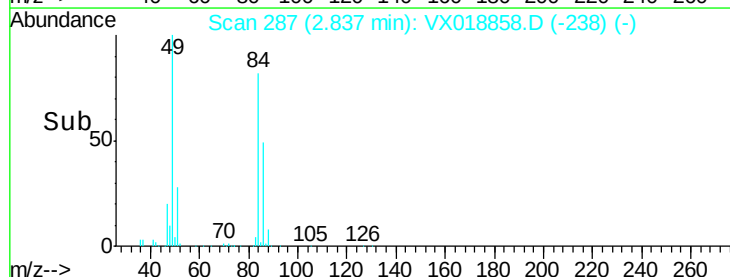
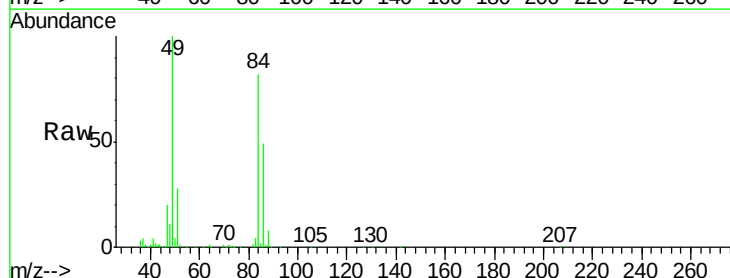
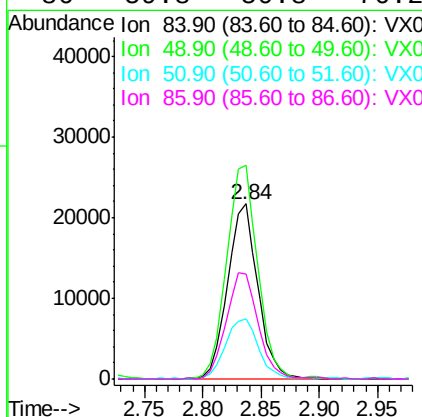
Manual Integrations
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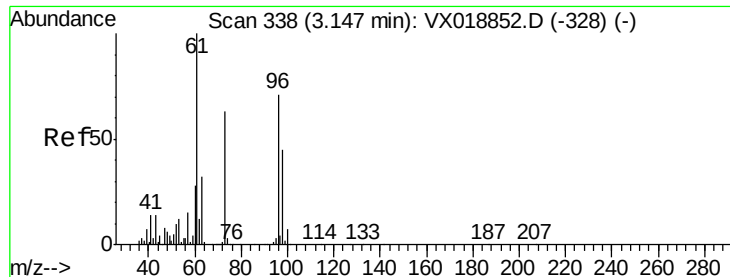
MMDadoda
10/12/2020 2:23:31 PM



#20
Methylene Chloride
Concen: 19.374 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	84	Resp	39256
Ion Ratio	100	Lower	Upper
84	100	104.8	157.2
49	122.2	30.6	46.0
51	34.7	50.8	76.2
86	59.8		





#21

trans-1,2-Dichloroethene

Concen: 17.849 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

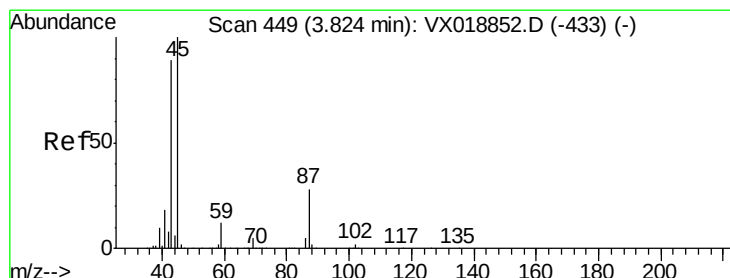
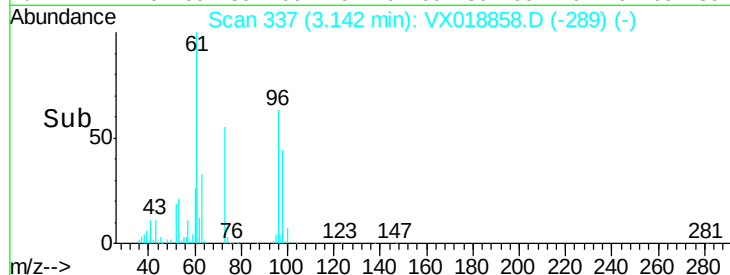
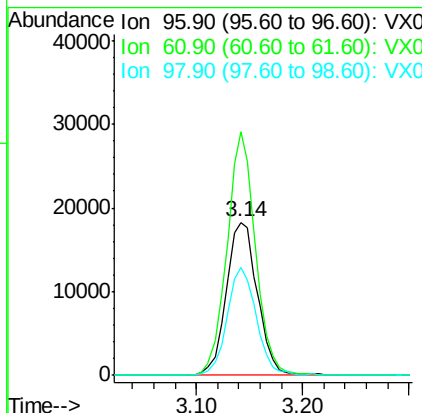
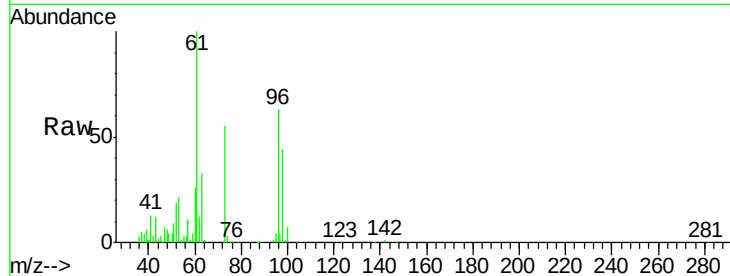
ClientSampleId :

VX1009WBSD01

Tot Ion:	96	Resp:	37428
Ion	Ratio	Lower	Upper
96	100		
61	159.2	112.0	168.0
98	70.5	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.066 ug/l

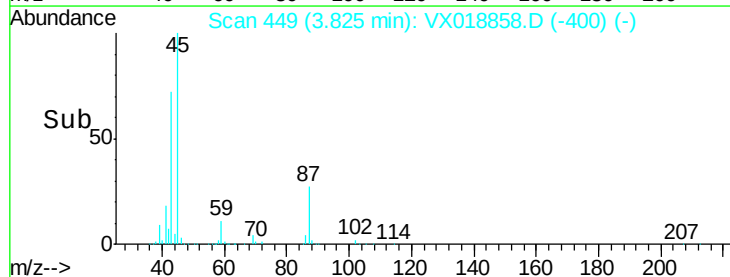
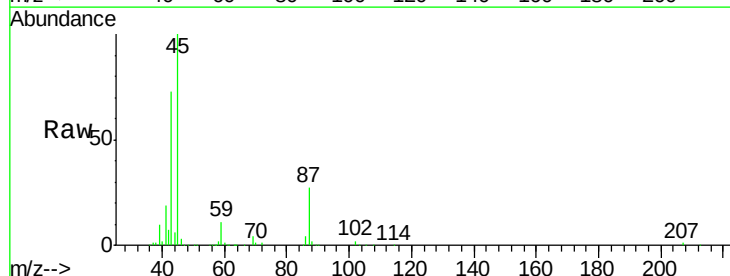
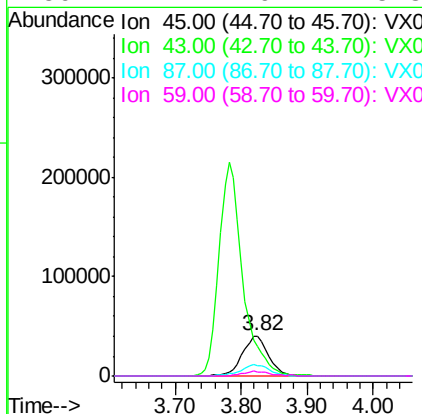
RT: 3.82 min Scan# 449

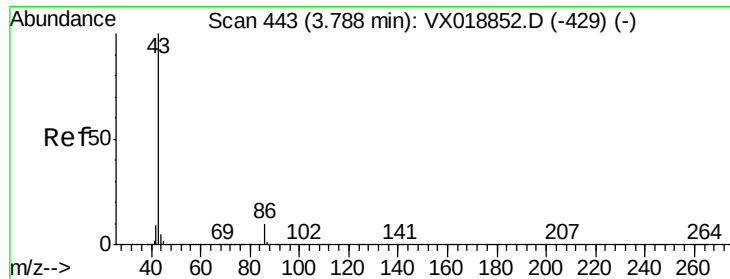
Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Tgt Ion:	45	Resp:	111849
Ion	Ratio	Lower	Upper
45	100		
43	72.2	71.2	106.8
87	26.6	22.5	33.7
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 94.859 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion: 43 Resp: 535188

Ion Ratio Lower Upper

43 100

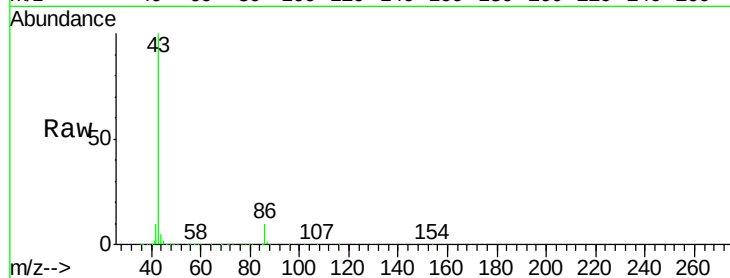
86 10.5 8.3 12.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

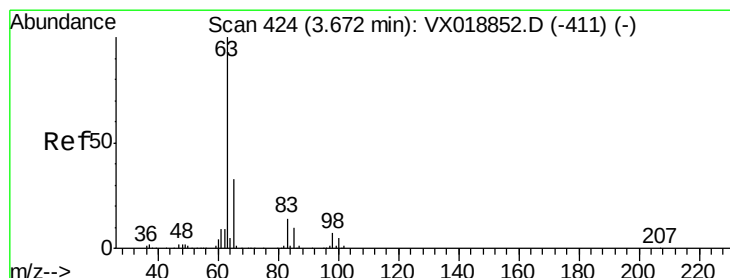
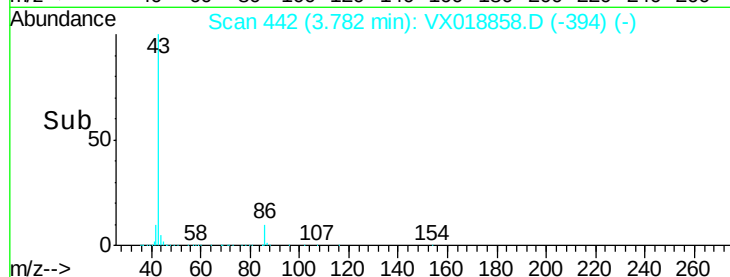
100000

50000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.515 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

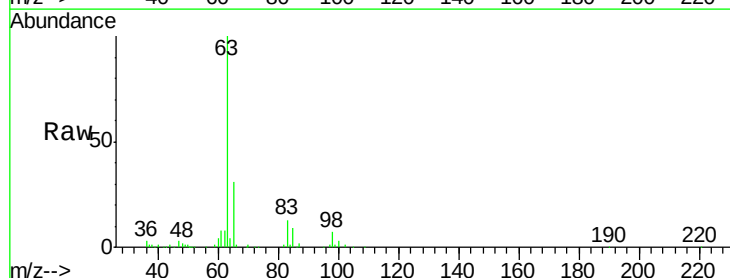
Tgt Ion: 63 Resp: 69082

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.2

100 3.3 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

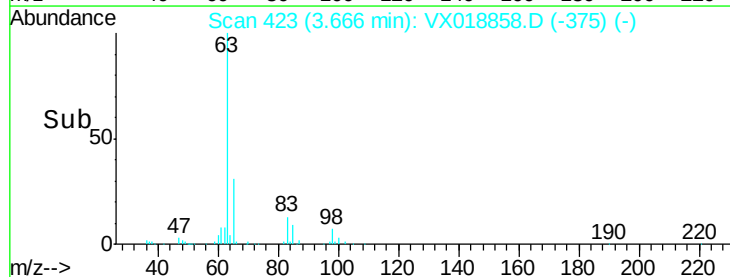
20000

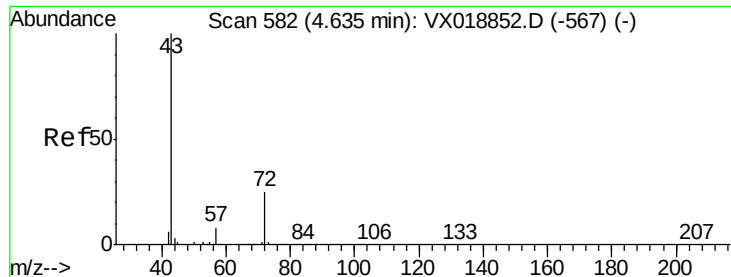
10000

0

3.50 3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 86.778 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion: 43 Resp: 135705

Ion Ratio Lower Upper

43 100

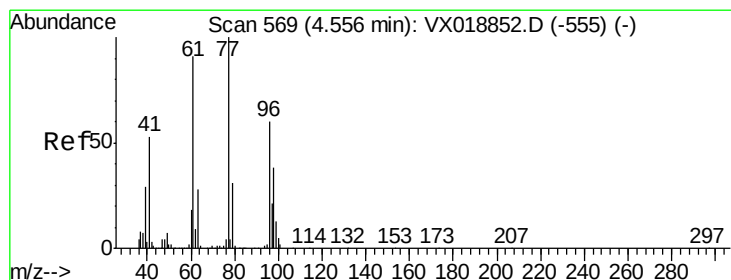
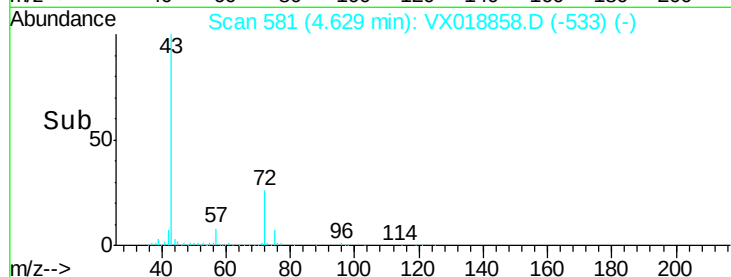
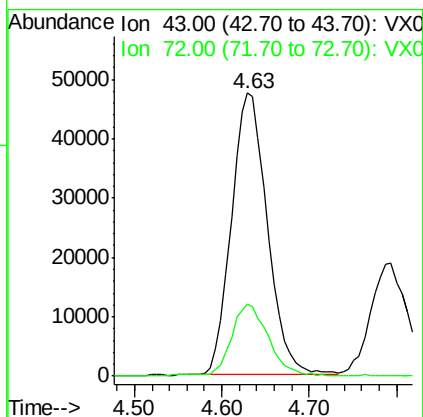
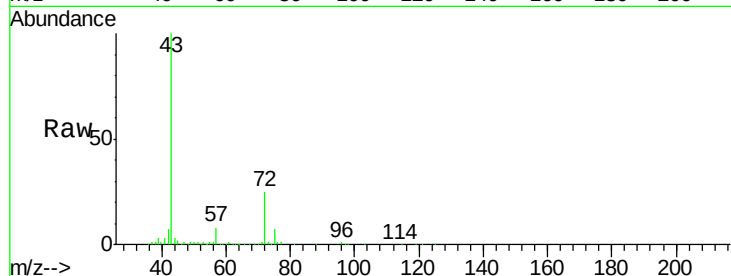
72 25.3 20.2 30.4

Manual Integrations

APPROVED

MMDadoda

10/12/2020 2:23:31 PM



#26

2,2-Dichloropropane

Concen: 17.506 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018858.D

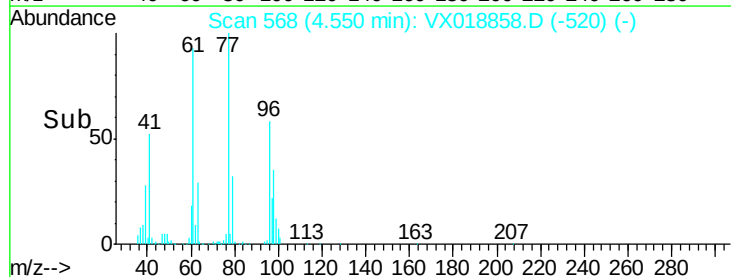
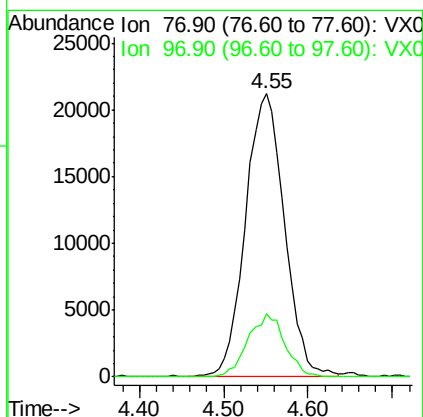
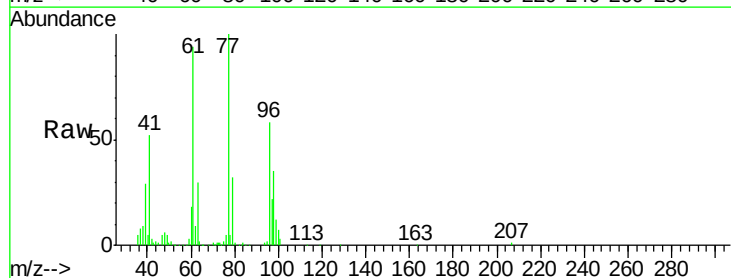
Acq: 09 Oct 2020 16:37

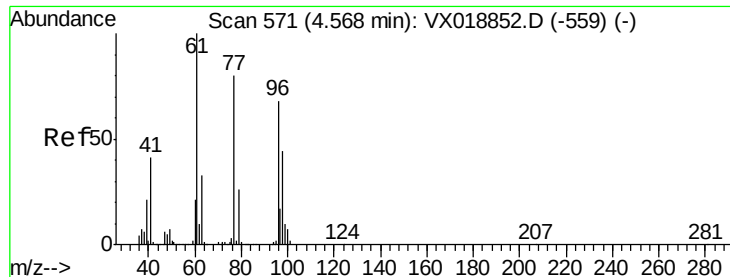
Tgt Ion: 77 Resp: 66620

Ion Ratio Lower Upper

77 100

97 21.1 10.4 31.4





#27

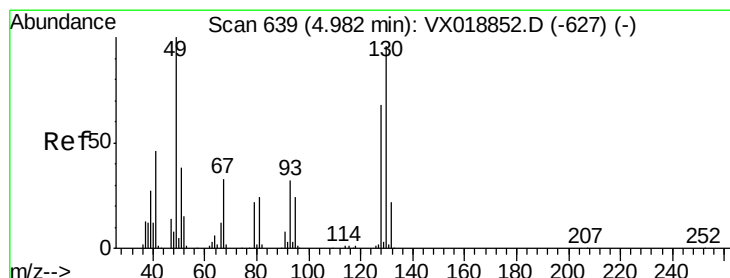
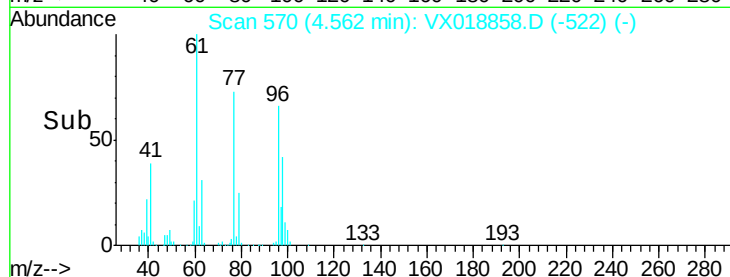
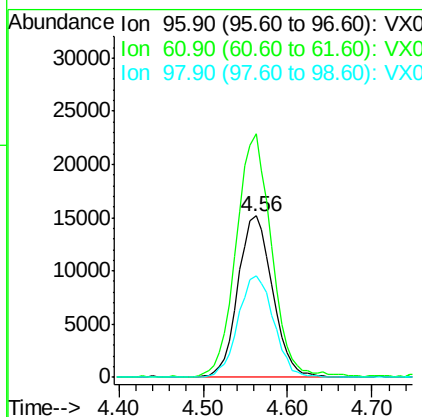
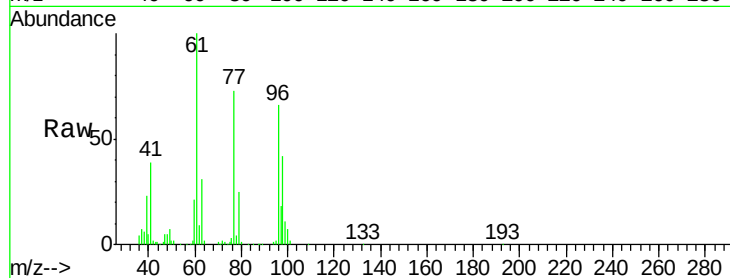
cis-1,2-Dichloroethene
 Concen: 18.143 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.6	0.0	306.8
98	64.6	0.0	130.2

Manual Integrations
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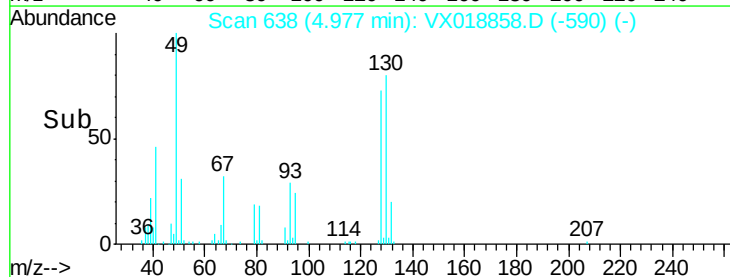
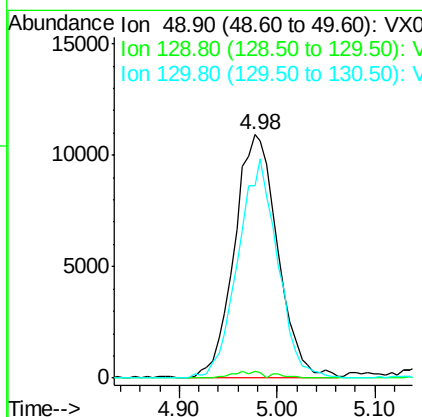
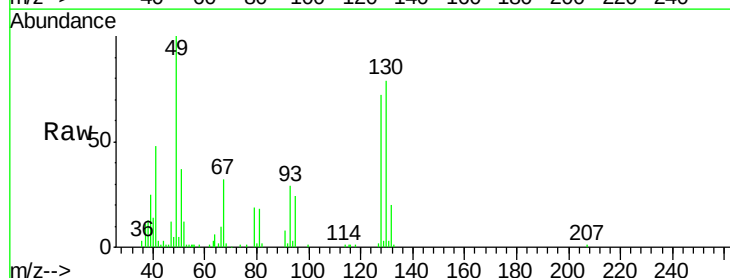
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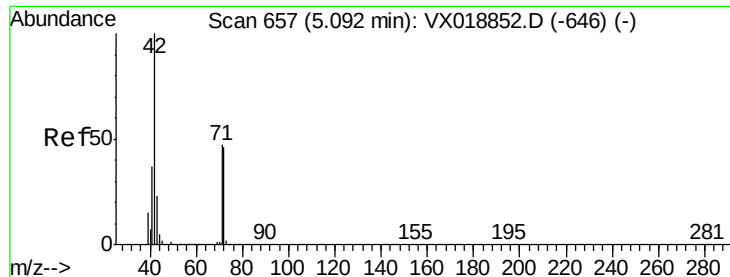


#28

Bromochloromethane
 Concen: 20.257 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.4
130	82.3	71.2	106.8





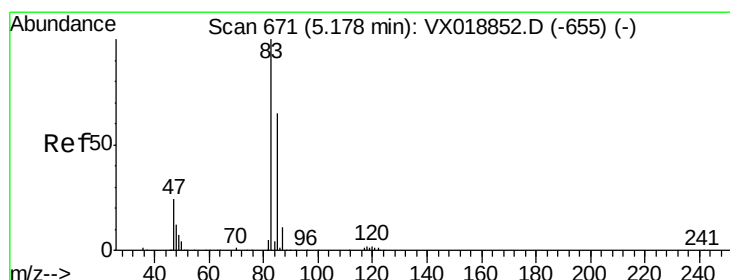
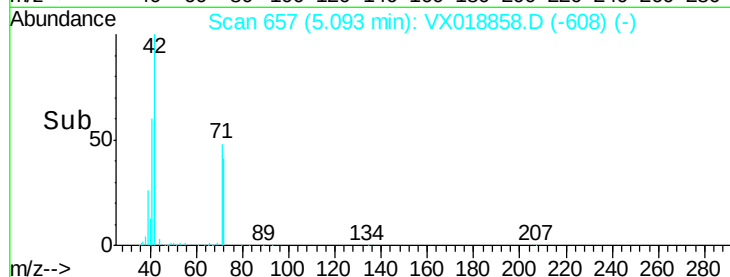
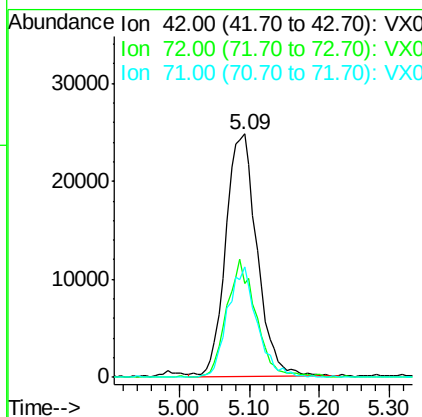
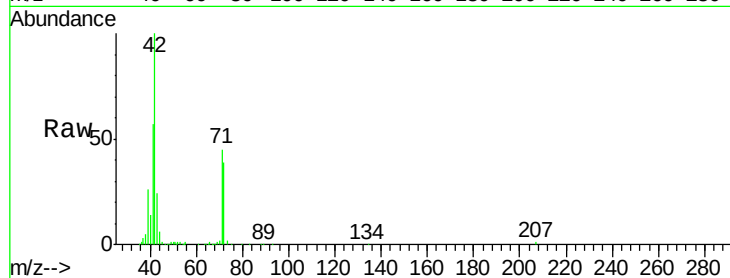
#29
Tetrahydrofuran
Concen: 91.990 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.4	54.6
71	43.0	35.2	52.8

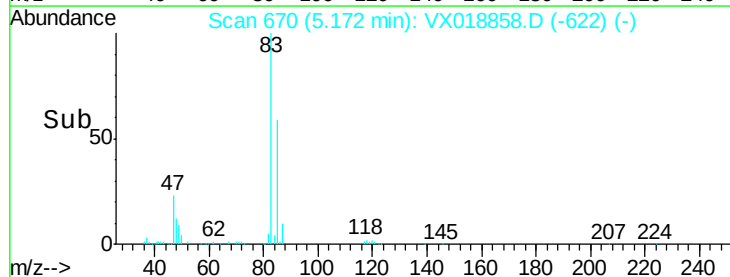
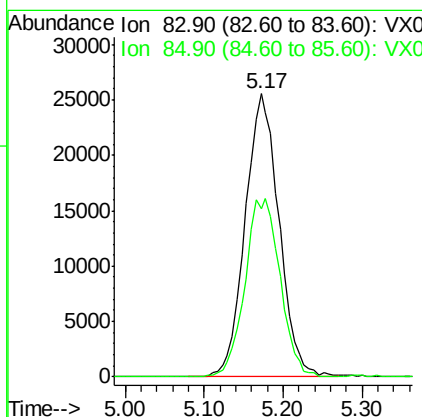
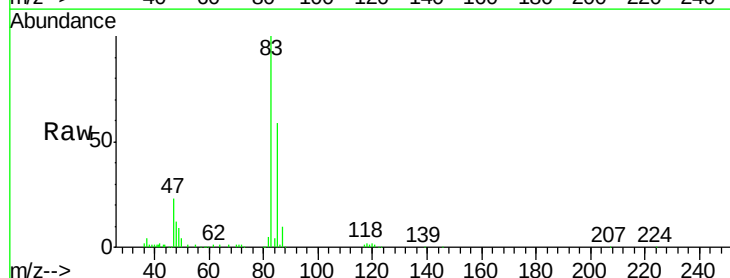
Manual Integrations
APPROVED

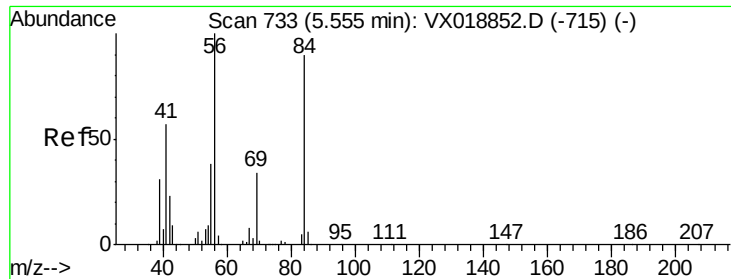
MMDadoda
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#30
Chloroform
Concen: 17.542 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.4	51.8	77.8





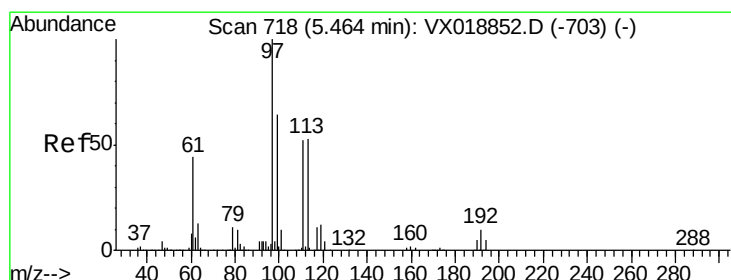
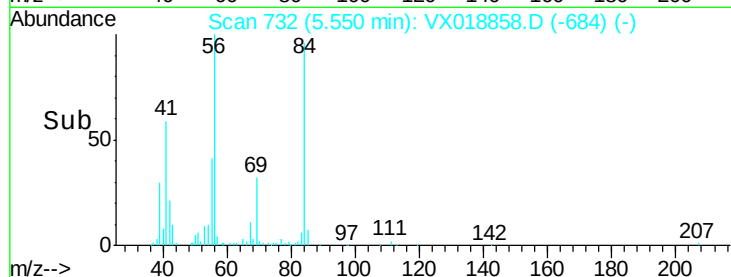
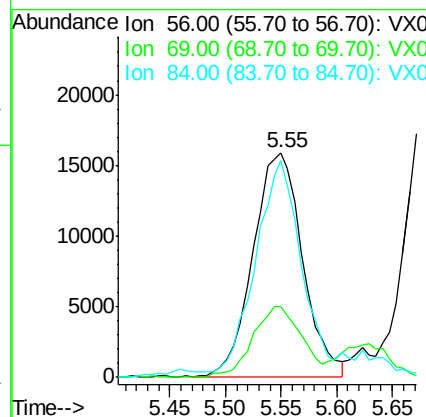
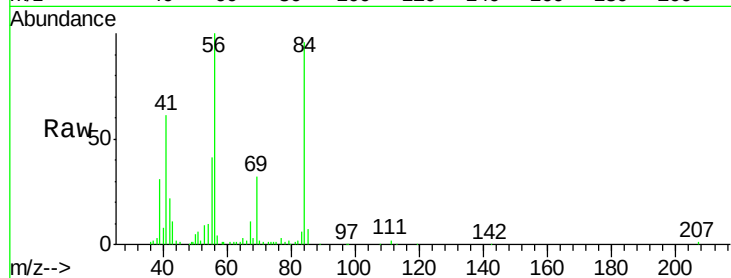
#31
Cyclohexane
Concen: 18.156 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	27.1	40.7
84	94.4	71.7	107.5

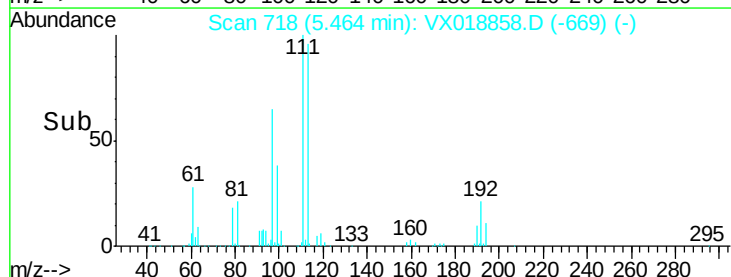
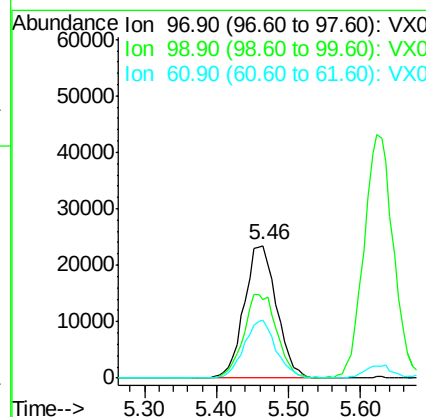
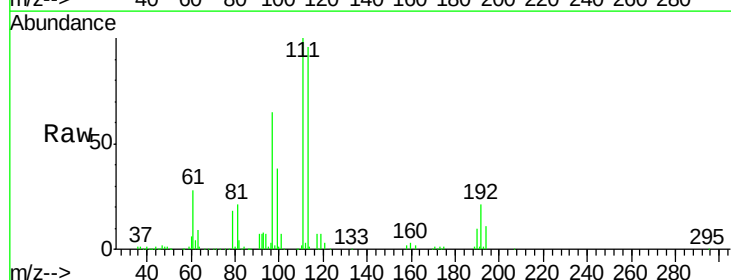
Manual Integrations
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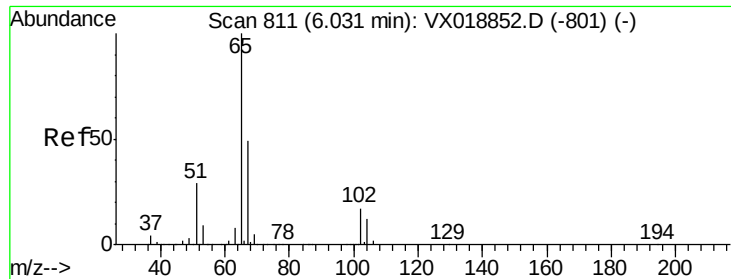
MMDadoda
10/12/2020 2:23:31 PM



#32
1,1,1-Trichloroethane
Concen: 17.824 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	42.6	35.3	52.9





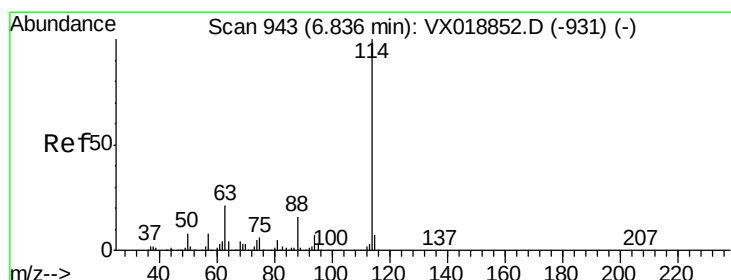
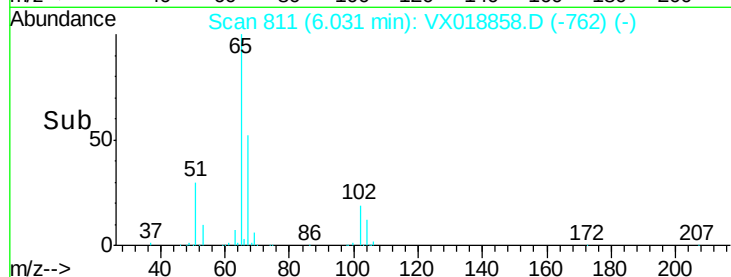
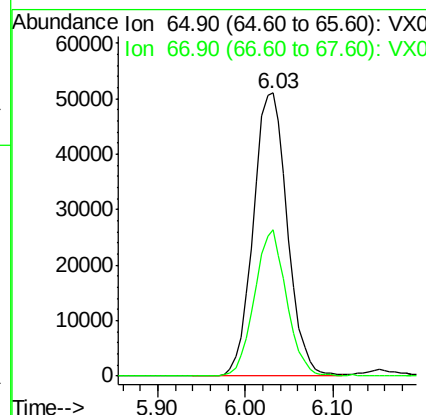
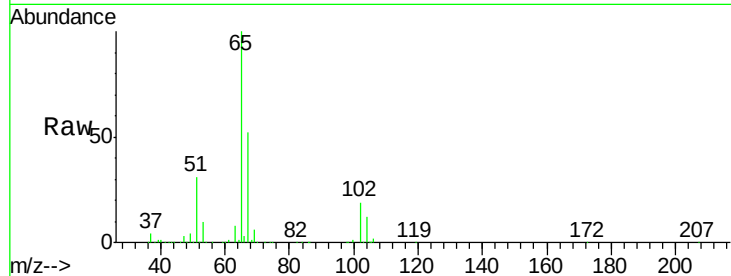
#33
 1,2-Dichloroethane-d4
 Concen: 47.839 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	48.8	0.0	97.0	

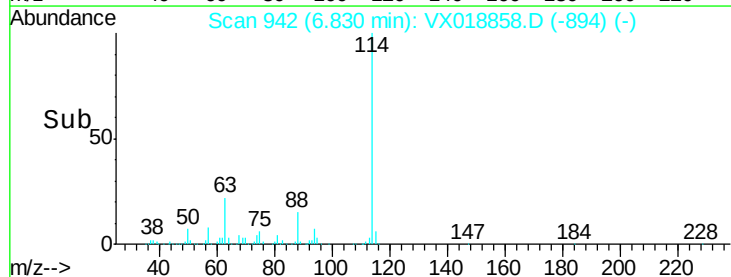
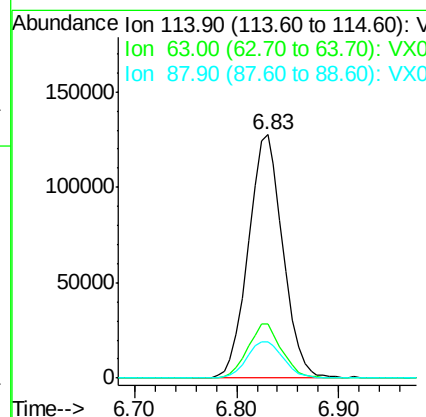
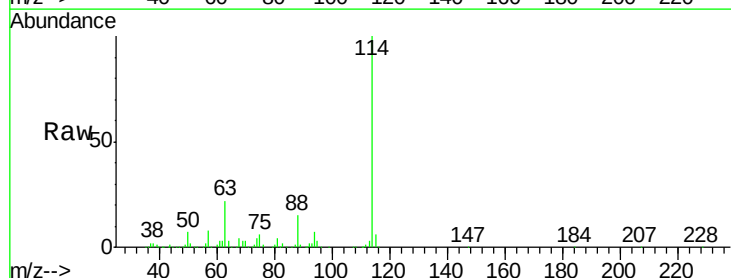
Manual Integrations
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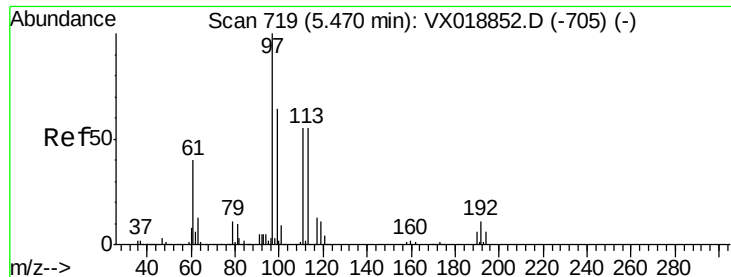
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	42.4	
88	14.7	0.0	32.6	





#35

Dibromofluoromethane

Concen: 47.377 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

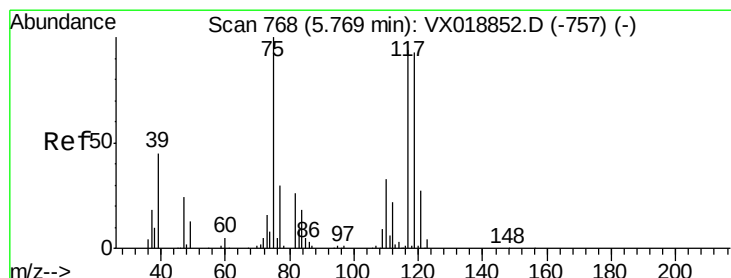
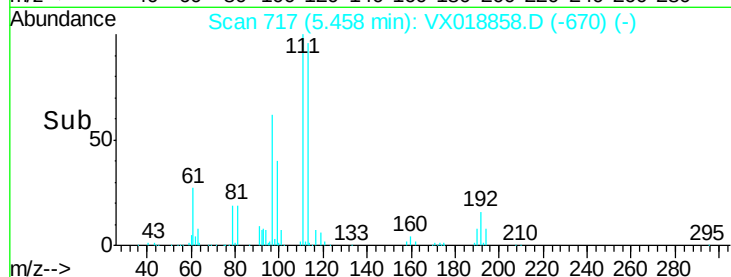
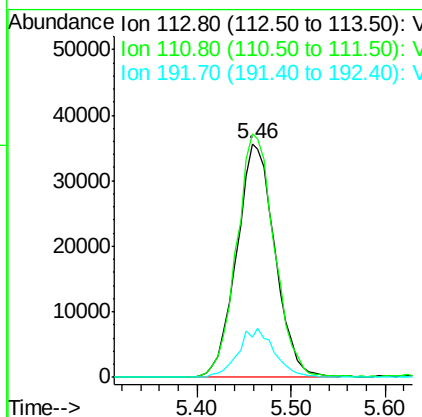
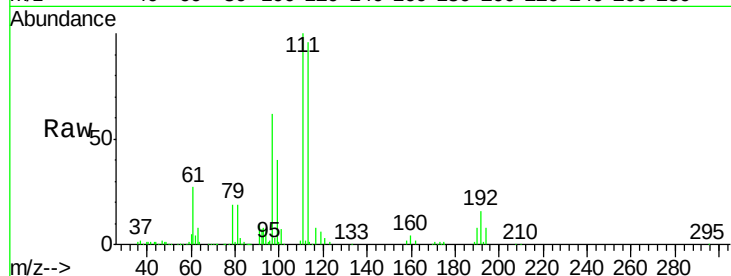
ClientSampleId :

VX1009WBSD01

Tot Ion:	113	Resp:	101072
Ion Ratio	Lower	Upper	
113	100		
111	103.5	80.1	120.1
192	19.7	16.0	24.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 16.785 ug/l

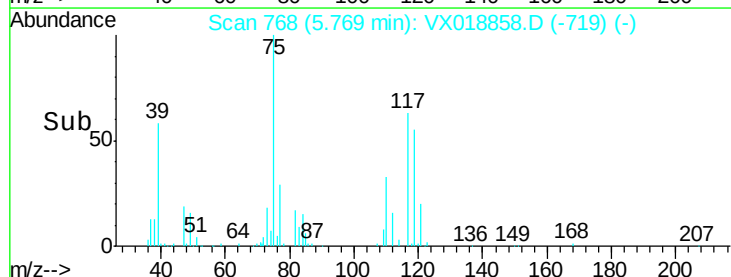
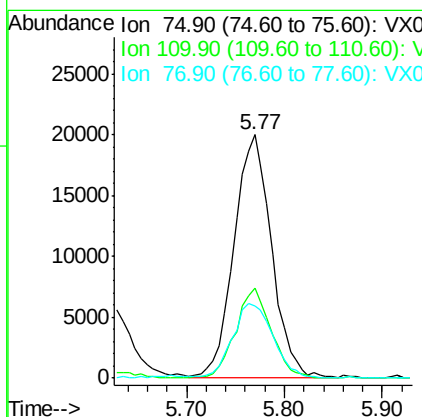
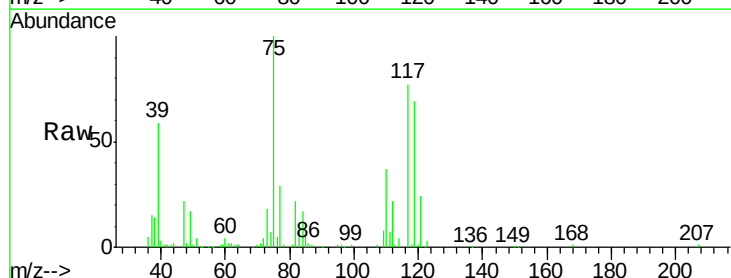
RT: 5.77 min Scan# 768

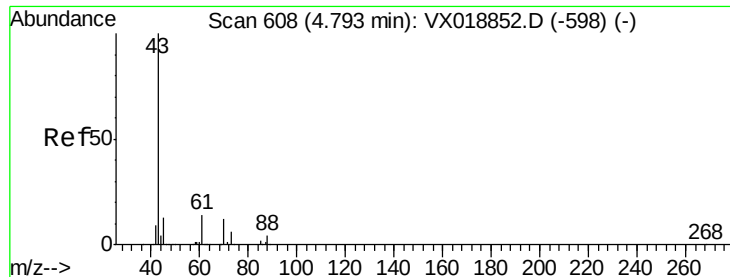
Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Tgt Ion:	75	Resp:	52829
Ion Ratio	Lower	Upper	
75	100		
110	35.4	17.8	53.5
77	33.2	24.2	36.4





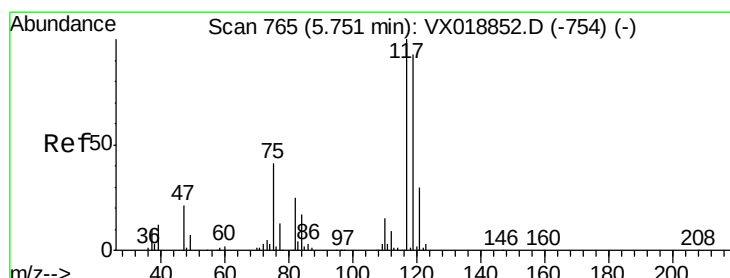
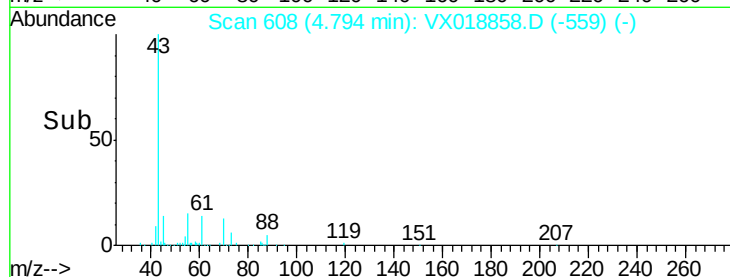
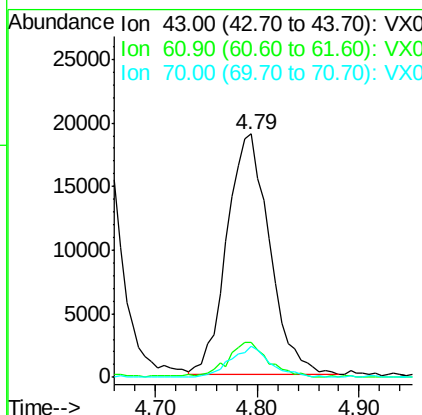
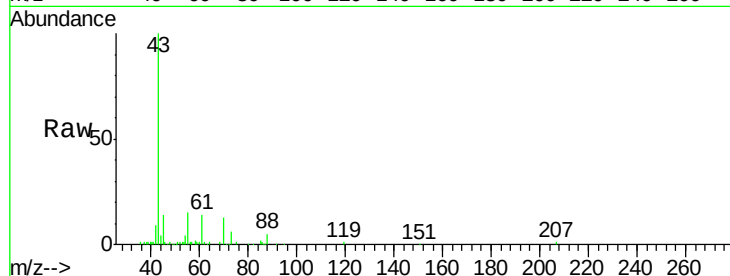
#37
Ethyl Acetate
Concen: 18.211 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion:	43	Resp:	55350
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.9	16.3
70	12.0	8.6	13.0

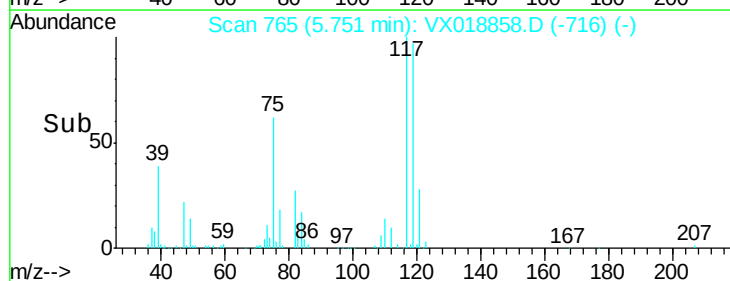
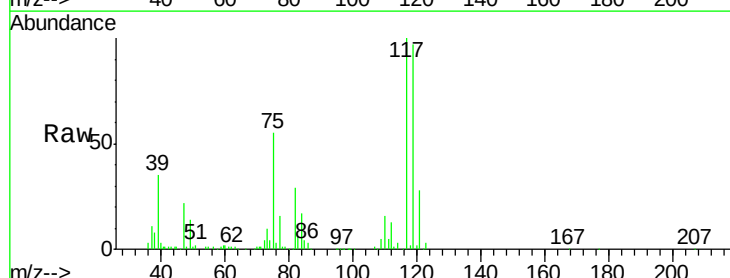
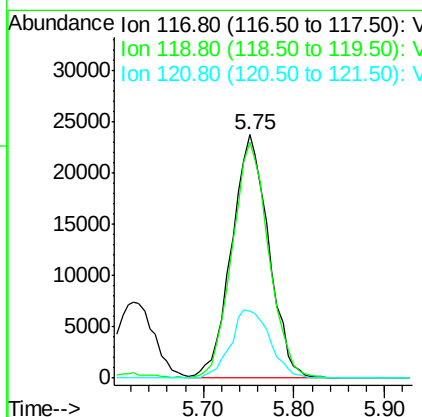
Manual Integrations
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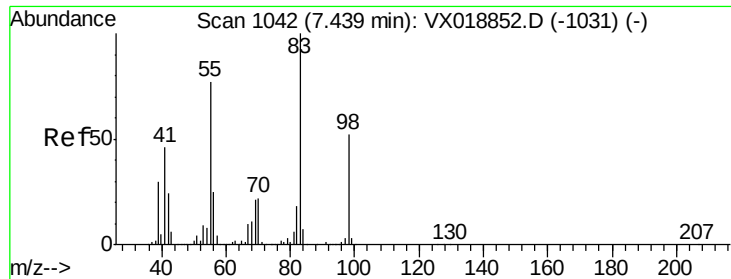
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#38
Carbon Tetrachloride
Concen: 17.315 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion:	117	Resp:	67546
Ion	Ratio	Lower	Upper
117	100		
119	96.8	73.9	110.9
121	27.6	23.6	35.4





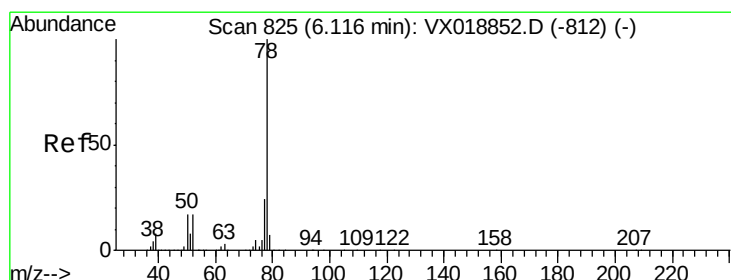
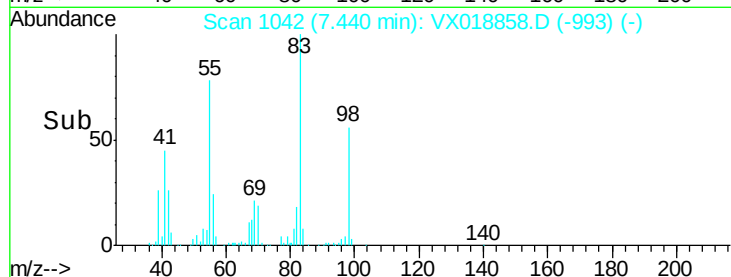
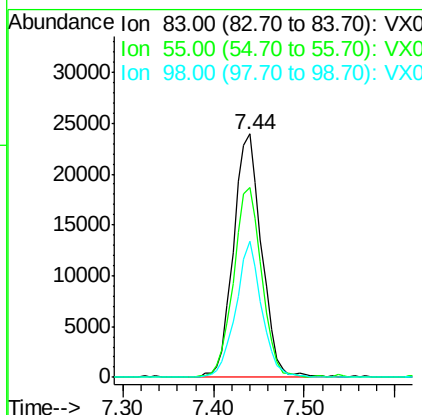
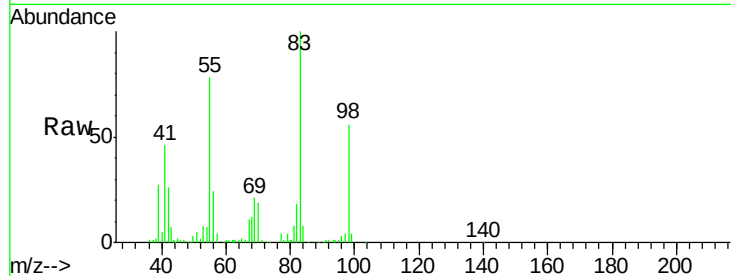
#39
Methylvlcyclohexane
Concen: 17.781 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.8	92.6
98	55.7	41.4	62.0

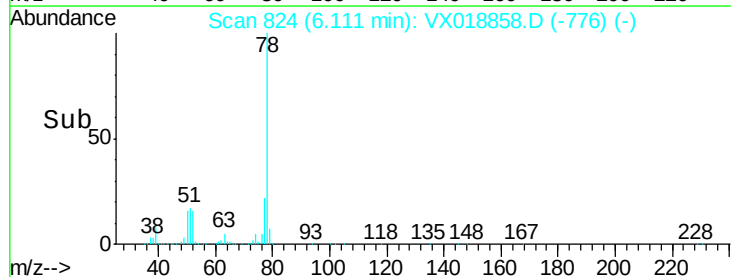
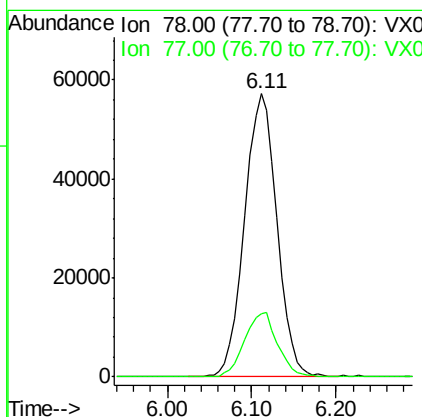
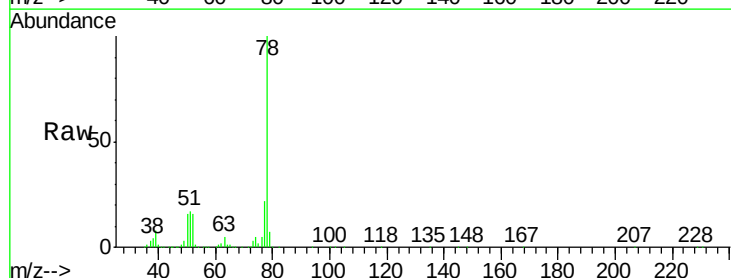
Manual Integrations
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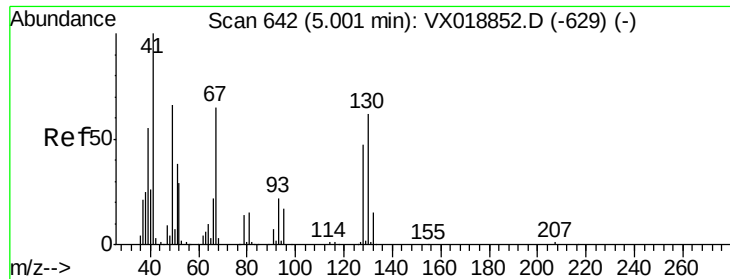
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#40
Benzene
Concen: 17.607 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.1	28.7





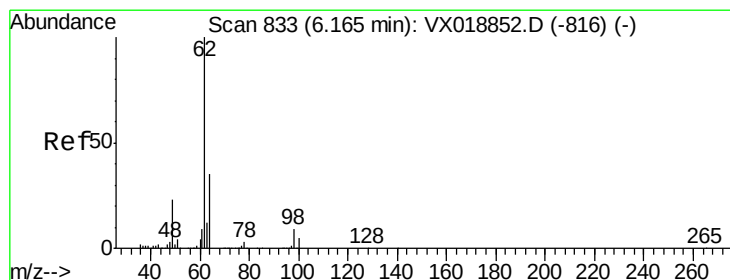
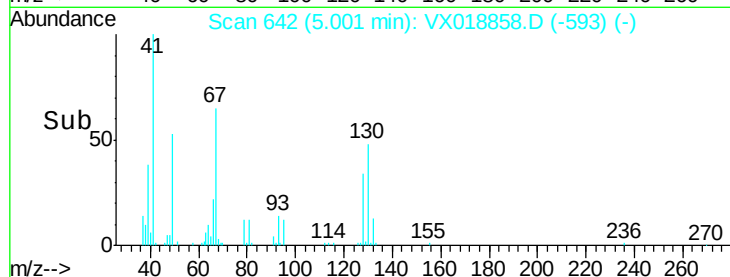
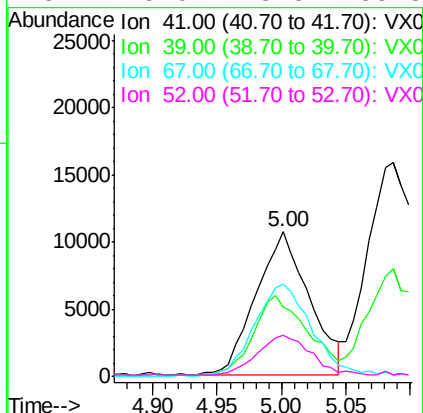
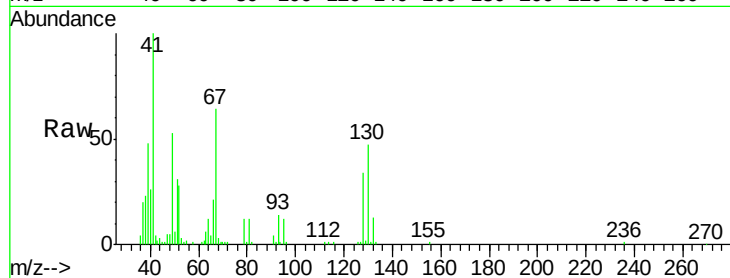
#41
Methacrylonitrile
Concen: 17.489 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.4	45.4	68.2	
67	69.3	55.4	83.2	
52	28.0	23.8	35.8	

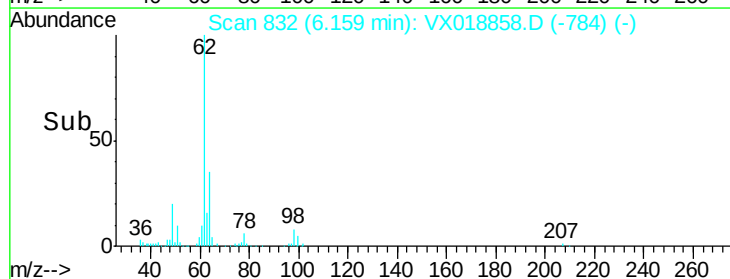
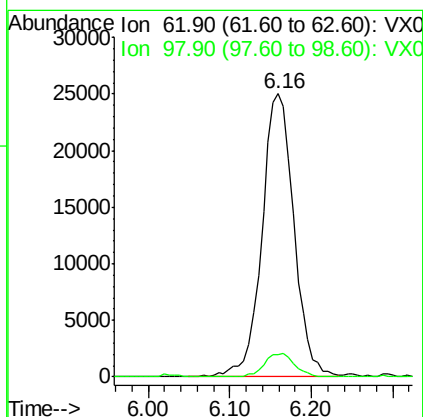
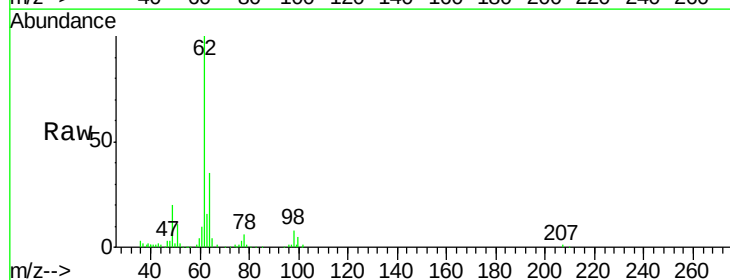
Manual Integrations
APPROVED

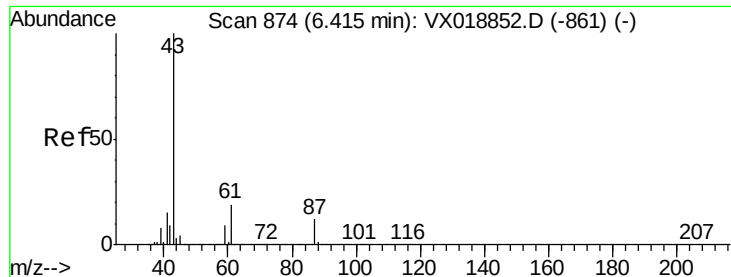
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10/12/2020 2:23:31 PM



#42
1,2-Dichloroethane
Concen: 17.203 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.4	





#43

Isopropyl Acetate

Concen: 17.707 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

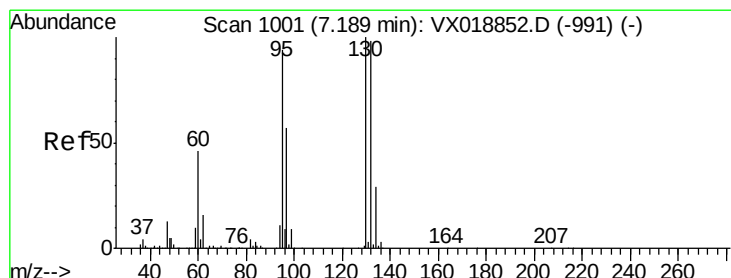
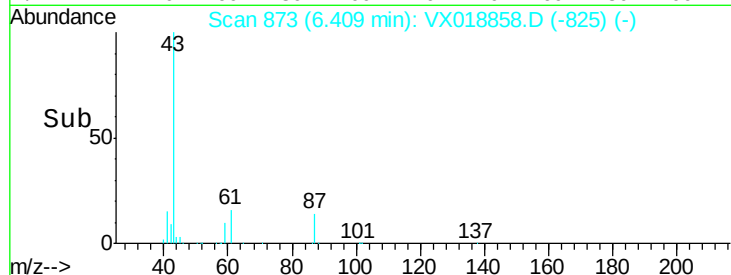
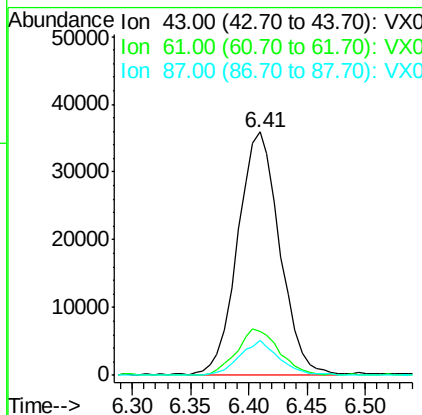
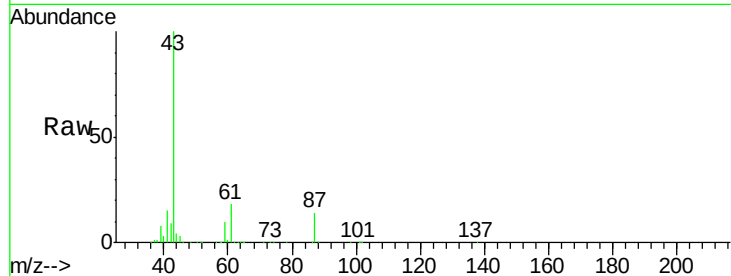
ClientSampleId :

VX1009WBSD01

Tot Ion:	43	Resp:	89439
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.5	23.3
87	13.7	10.8	16.2

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#44

Trichloroethene

Concen: 17.280 ug/l

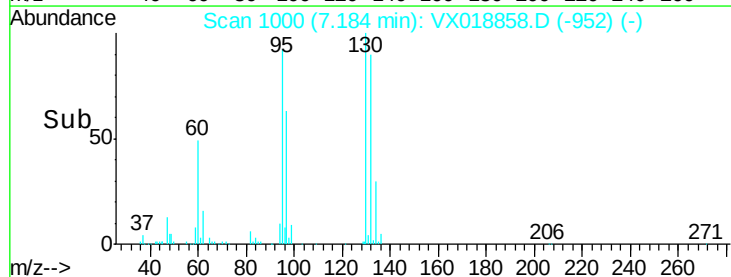
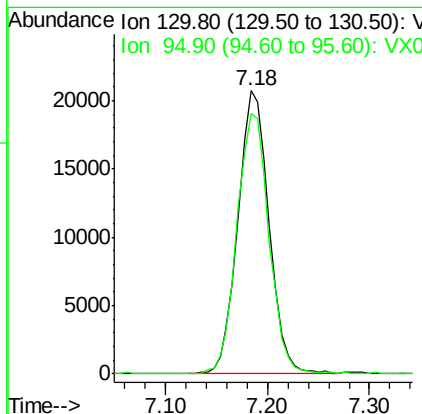
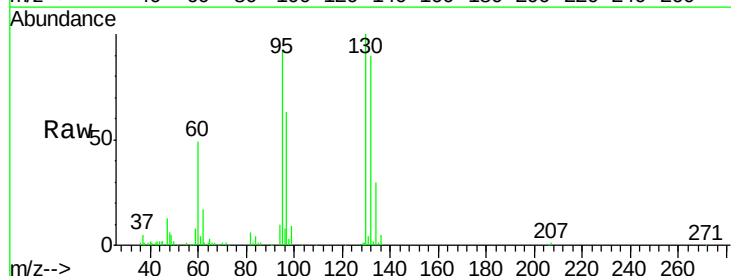
RT: 7.18 min Scan# 1000

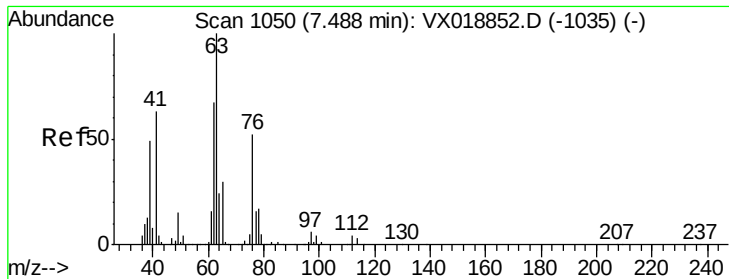
Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Tgt Ion:	130	Resp:	43820
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	188.4





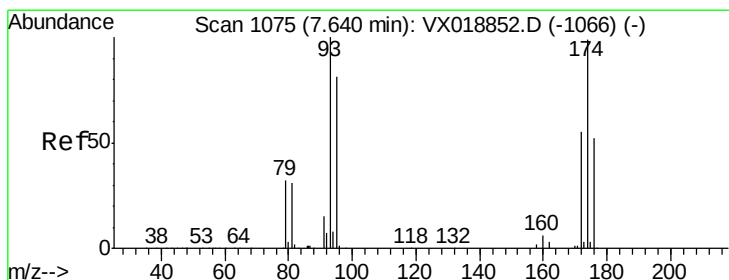
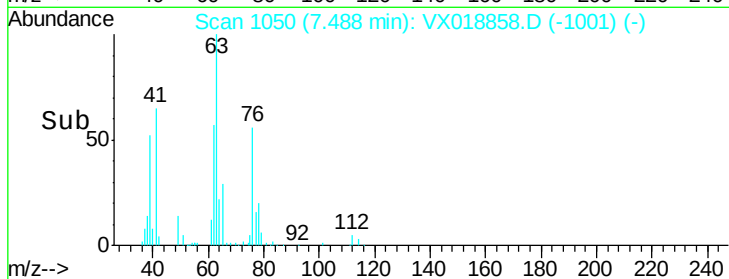
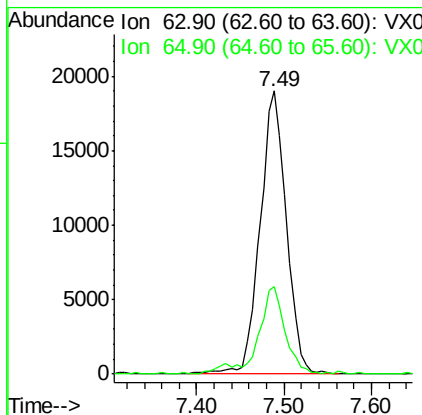
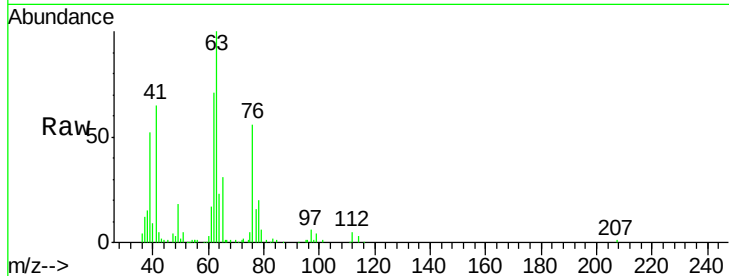
#45
 1,2-Dichloropropane
 Concen: 17.722 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.2	36.4

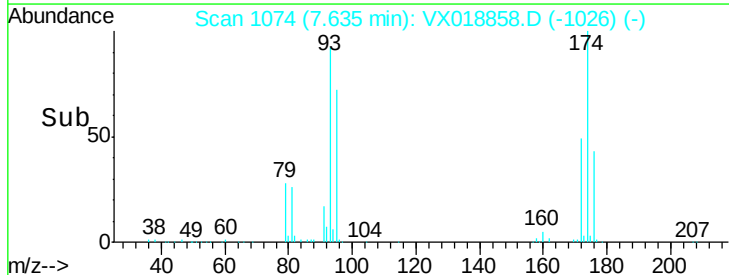
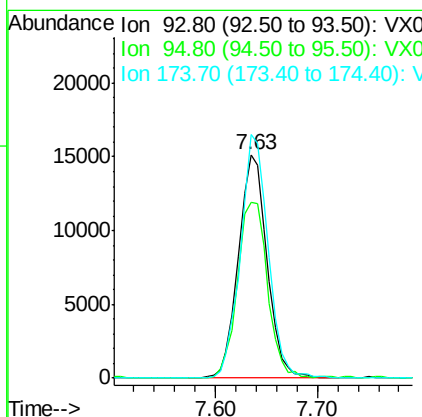
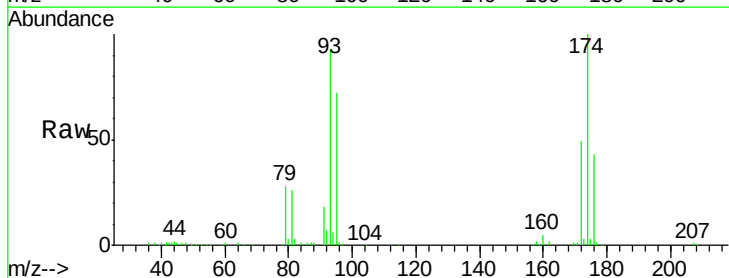
Manual Integrations
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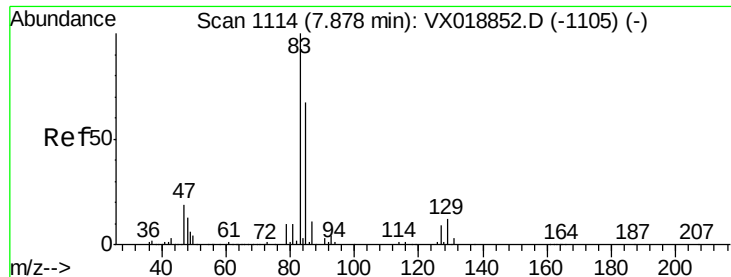
MMDadoda
 10/12/2020 2:23:31 PM



#46
 Dibromomethane
 Concen: 17.760 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.1	99.1
174	106.3	84.6	127.0





#47

Bromodichloromethane

Concen: 17.169 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

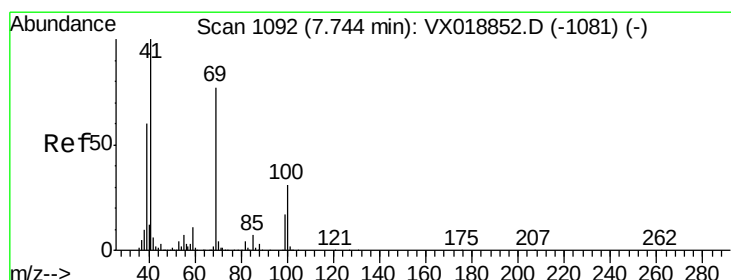
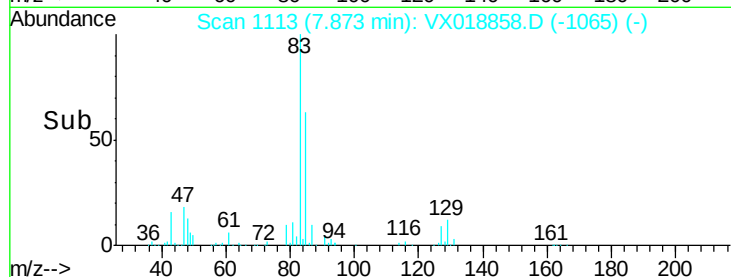
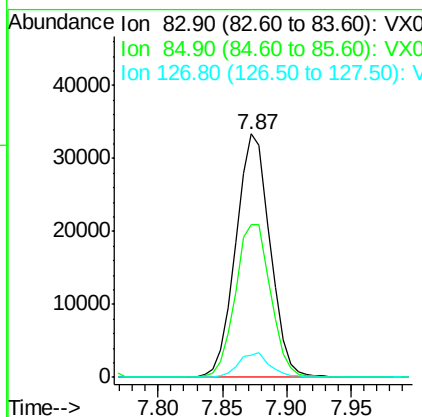
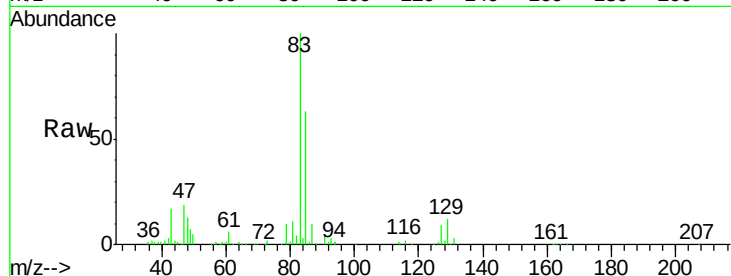
ClientSampleId :

VX1009WBSD01

Tot Ion:	83	Resp:	61517
Ion Ratio	Lower	Upper	
83	100		
85	62.5	53.8	80.6
127	9.0	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.139 ug/l

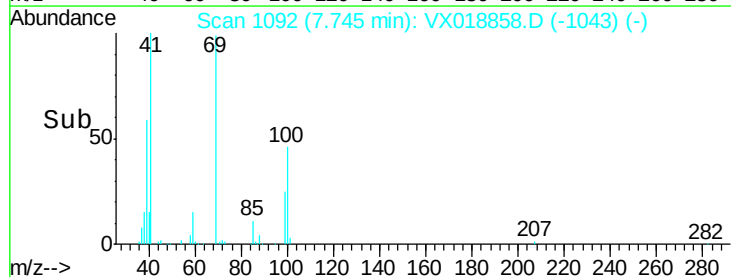
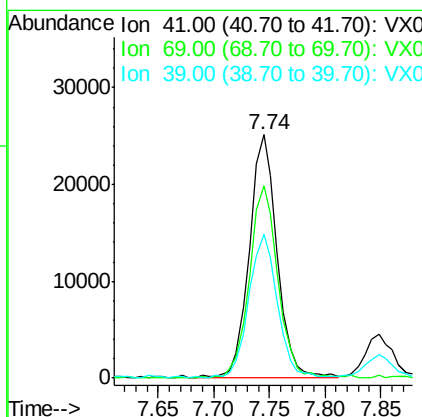
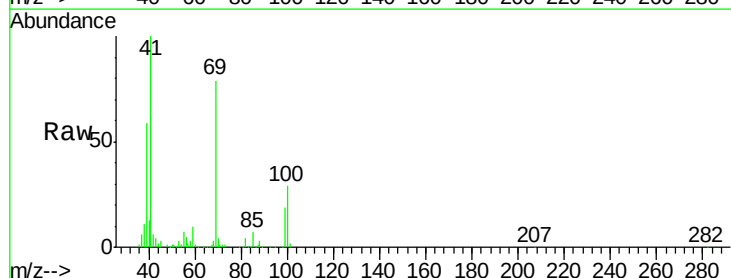
RT: 7.74 min Scan# 1092

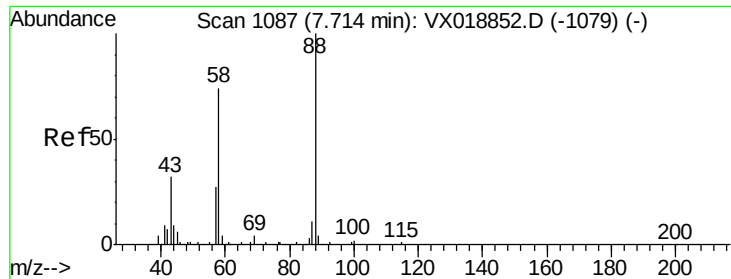
Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Tgt Ion:	41	Resp:	43927
Ion Ratio	Lower	Upper	
41	100		
69	80.6	64.6	97.0
39	60.6	48.6	73.0





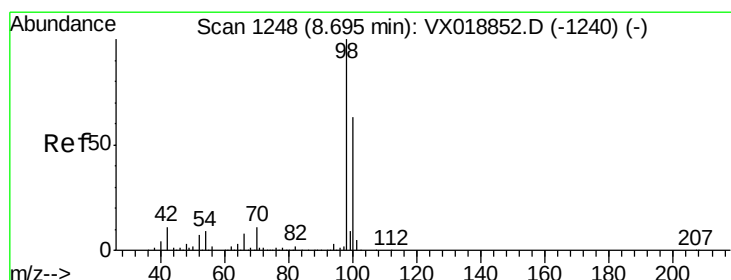
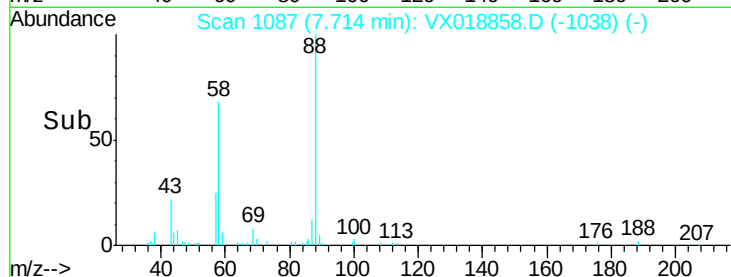
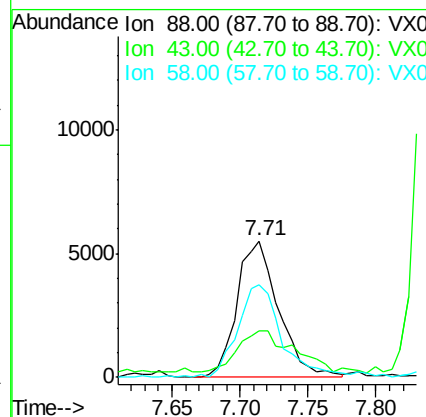
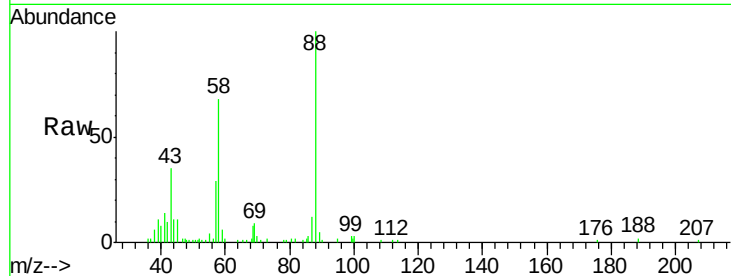
#49
1,4-Dioxane
Concen: 326.895 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.4	31.0	46.6
58	71.4	59.3	88.9

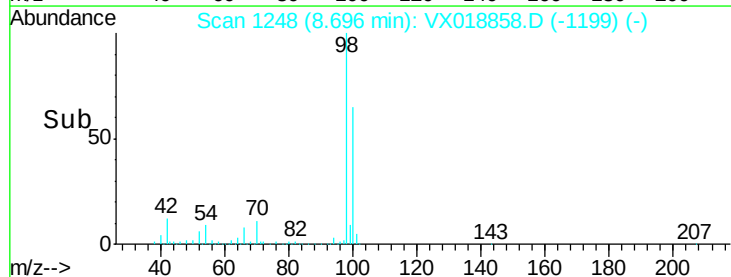
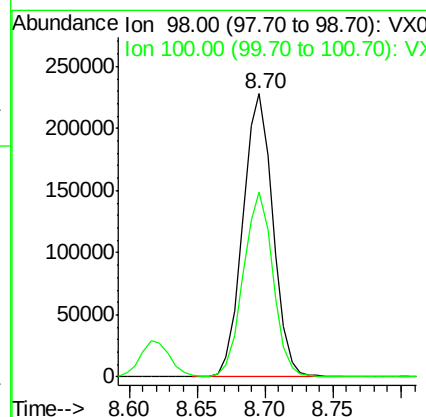
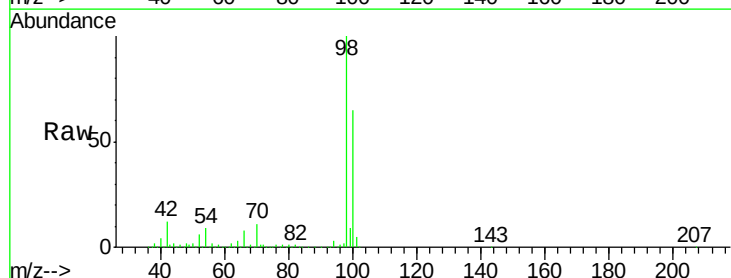
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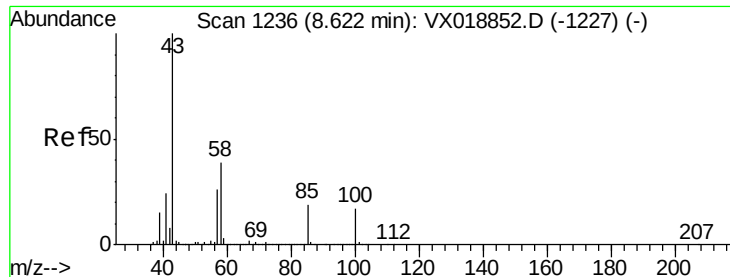
MMDadoda
10/12/2020 2:23:31 PM



#50
Toluene-d8
Concen: 47.446 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 92.206 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion: 43 Resp: 271838

Ion Ratio Lower Upper

43 100

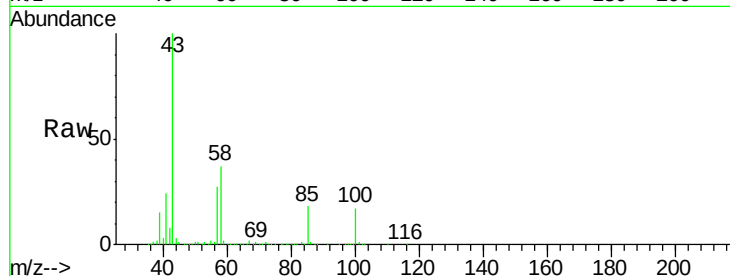
58 38.3 30.9 46.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

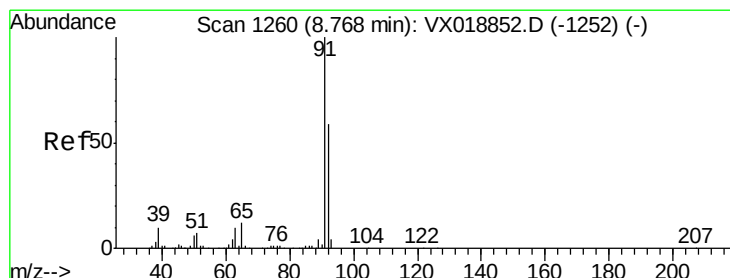
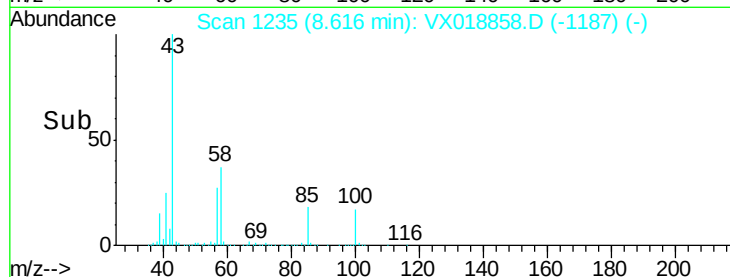
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.978 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018858.D

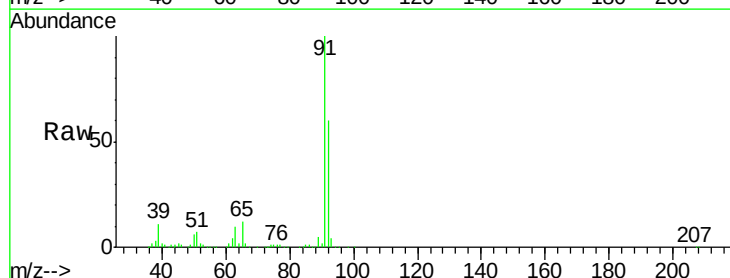
Acq: 09 Oct 2020 16:37

Tgt Ion: 92 Resp: 97555

Ion Ratio Lower Upper

92 100

91 170.7 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

120000

100000

80000

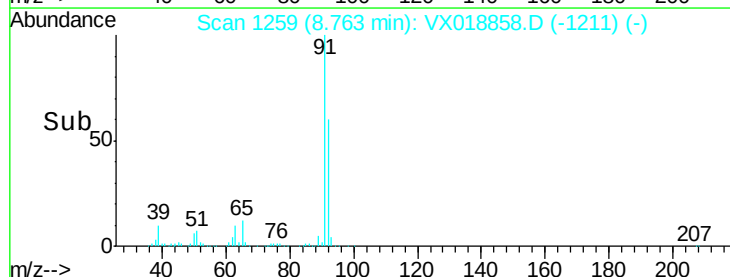
60000

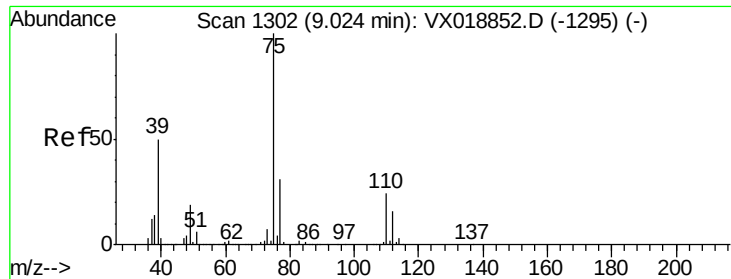
40000

20000

0

Time-->





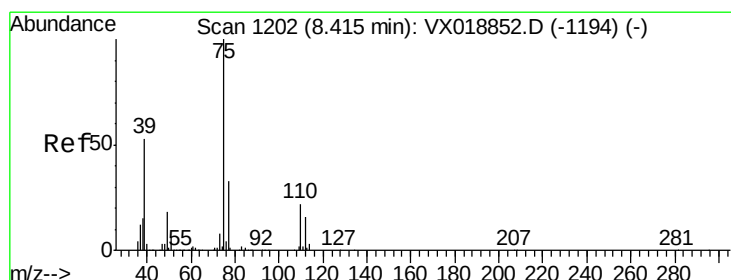
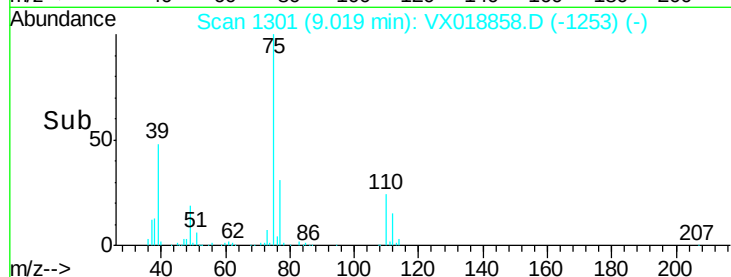
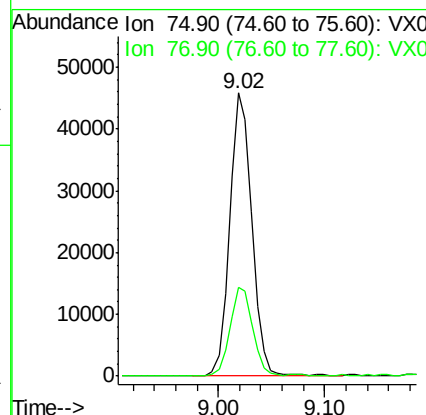
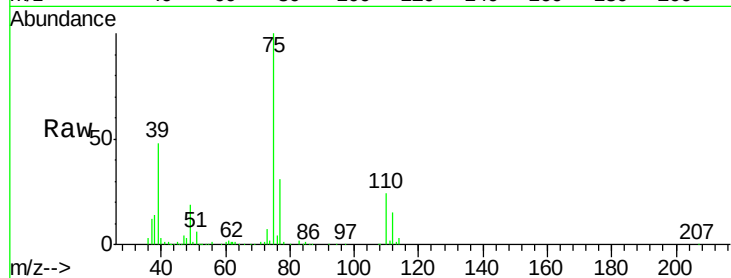
#53
t-1,3-Dichloropropene
Concen: 17.990 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion: 75 Resp: 66742
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7

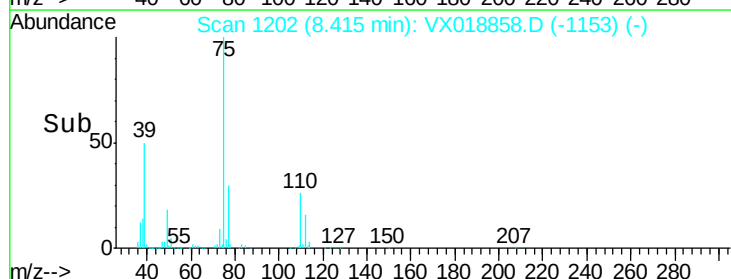
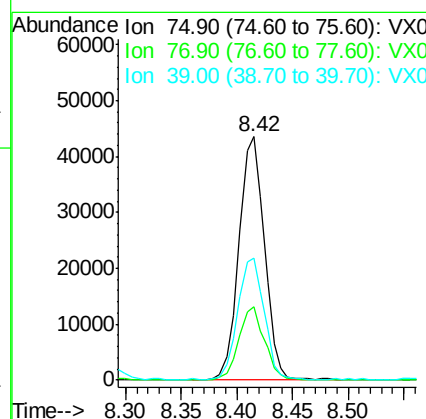
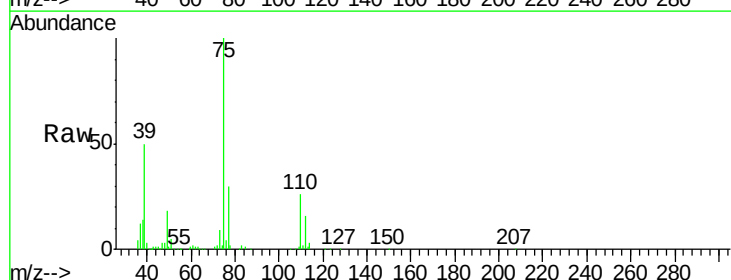
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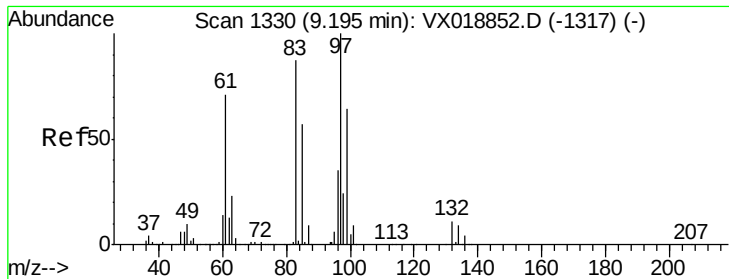
MMDadoda
10/12/2020 2:23:31 PM



#54
cis-1,3-Dichloropropene
Concen: 18.156 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion: 75 Resp: 69291
Ion Ratio Lower Upper
75 100
77 30.4 26.6 39.8
39 49.7 42.6 64.0





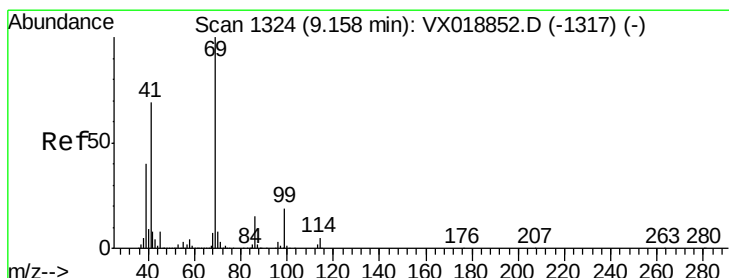
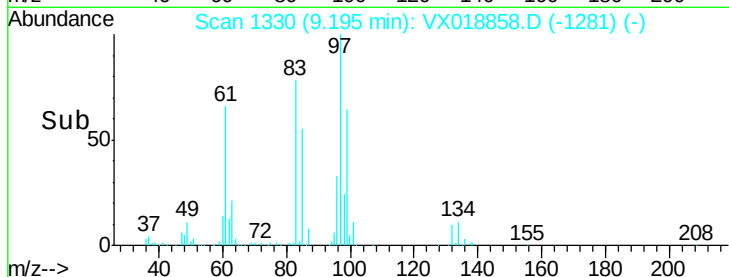
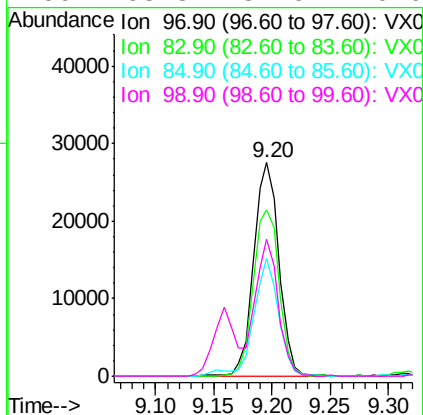
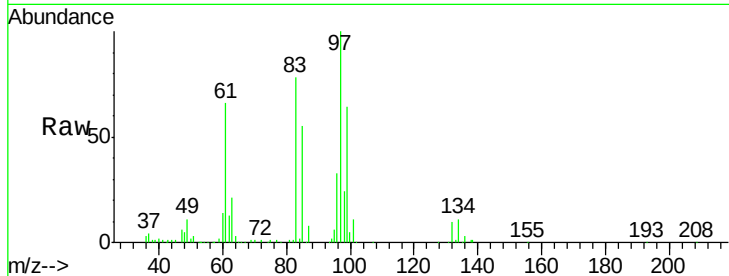
#55
 1,1,2-Trichloroethane
 Concen: 17.902 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Tot Ion	97	Resp:	41726
Ion	Ratio	Lower	Upper
97	100		
83	78.1	69.3	103.9
85	55.1	45.3	67.9
99	63.8	51.0	76.6

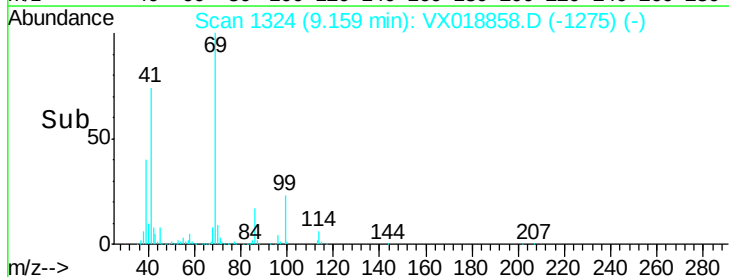
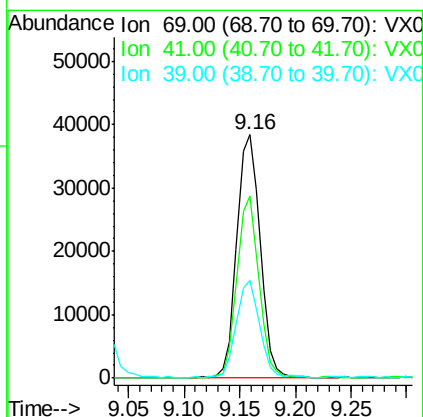
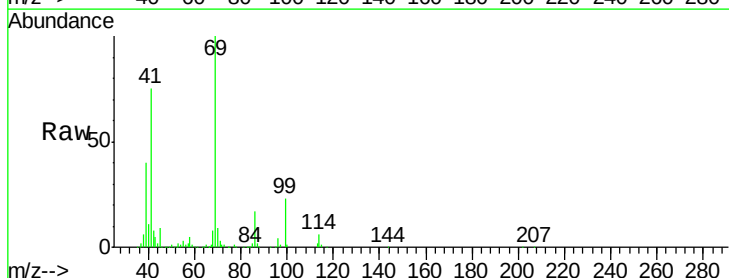
Manual Integrations
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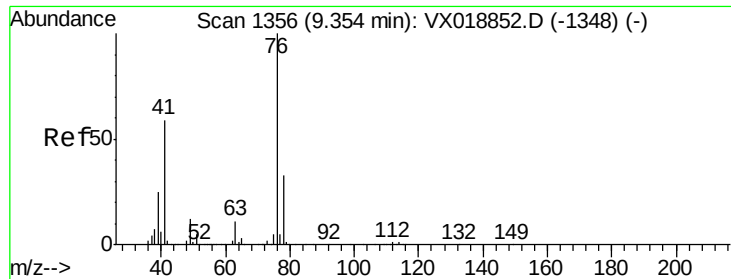
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 18.480 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Tgt Ion	69	Resp:	56192
Ion	Ratio	Lower	Upper
69	100		
41	70.3	54.6	81.8
39	40.8	31.5	47.3





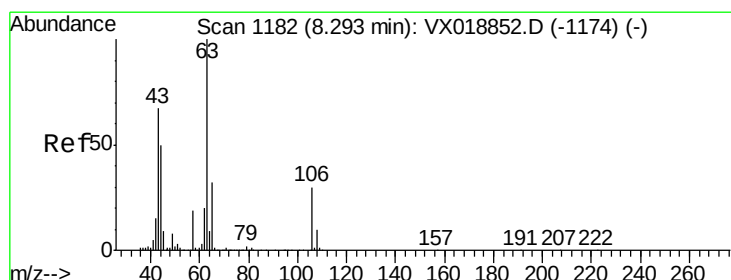
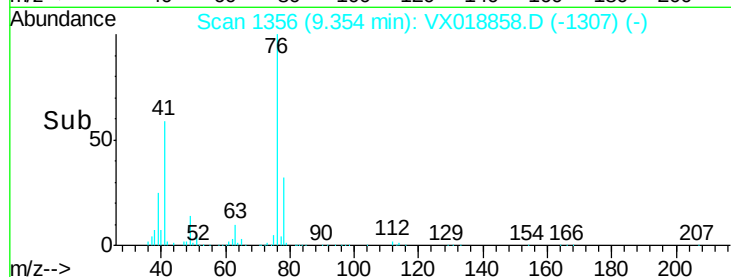
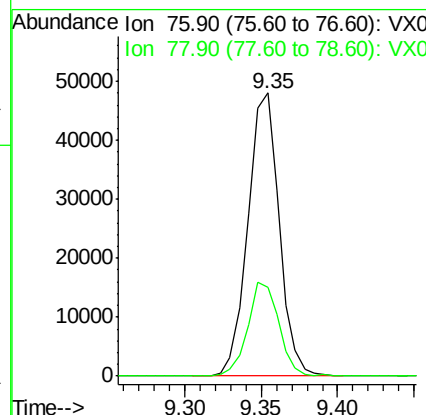
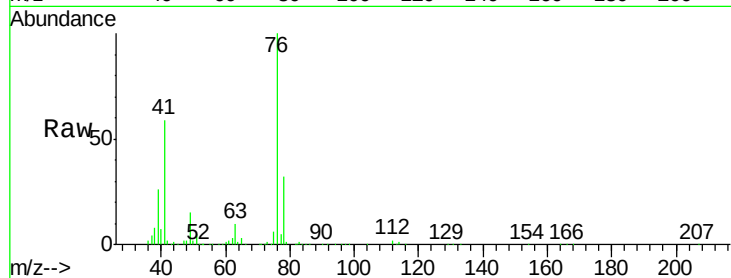
#57
 1,3-Dichloropropane
 Concen: 18.045 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Tot Ion: 76 Resp: 68248
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.2 39.2

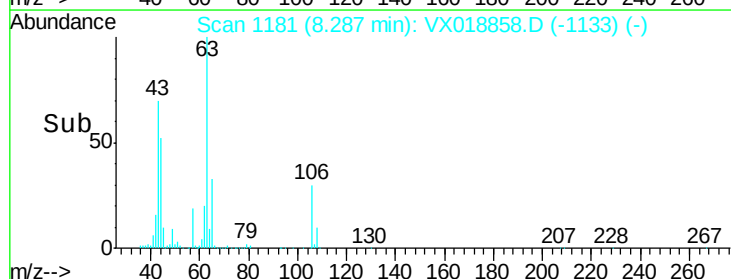
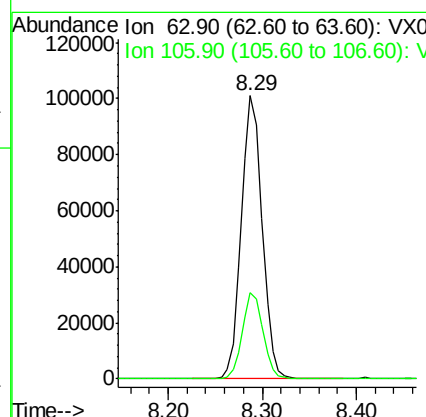
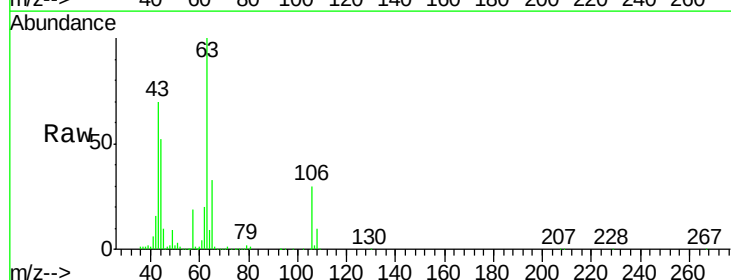
Manual Integrations
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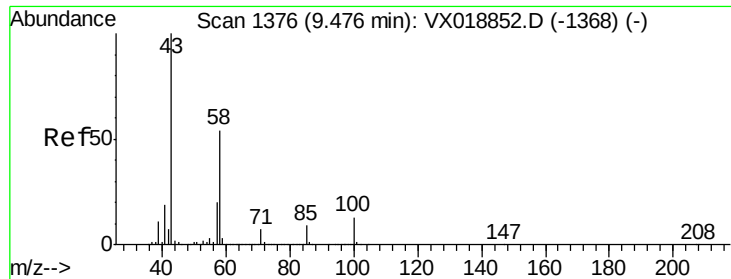
MMDadoda
 10/12/2020 2:23:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.599 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Tgt Ion: 63 Resp: 156160
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.2 36.4





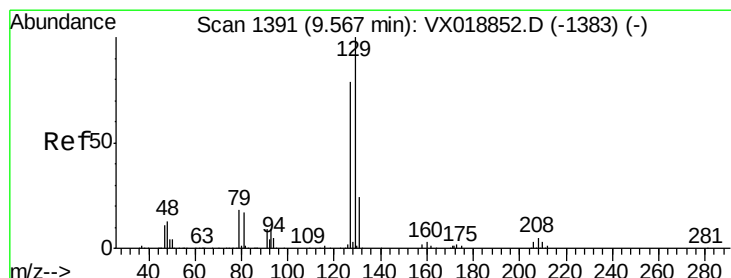
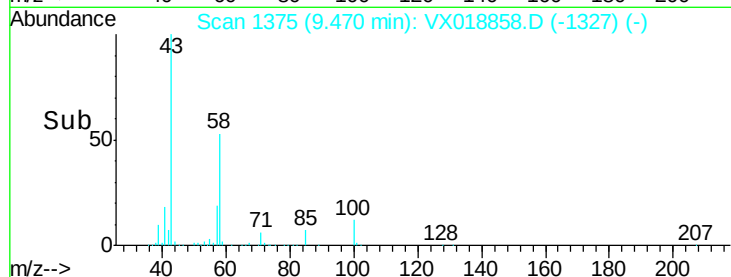
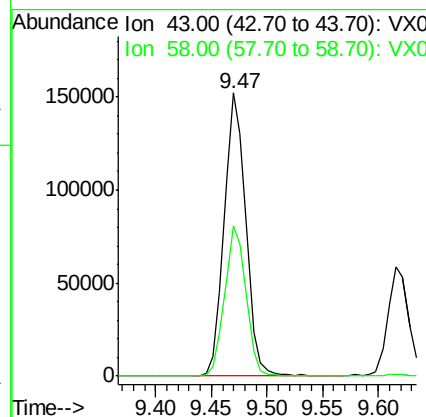
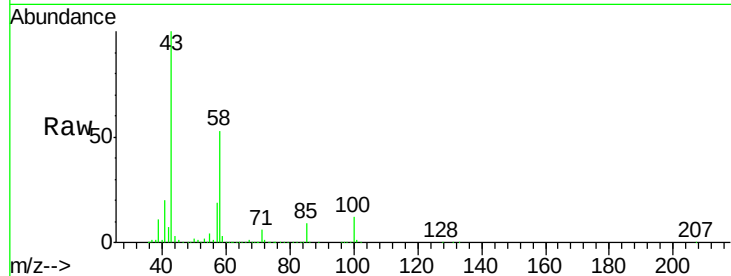
#59
2-Hexanone
Concen: 91.242 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion: 43 Resp: 204943
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.1

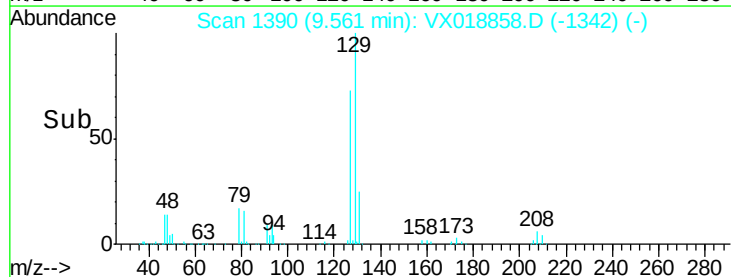
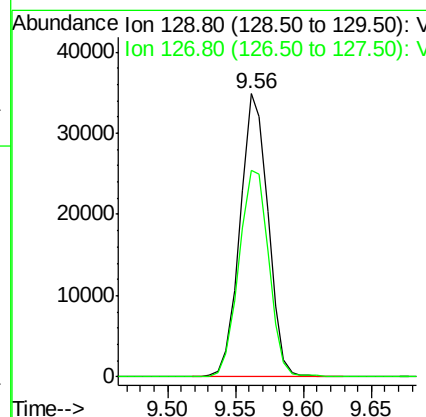
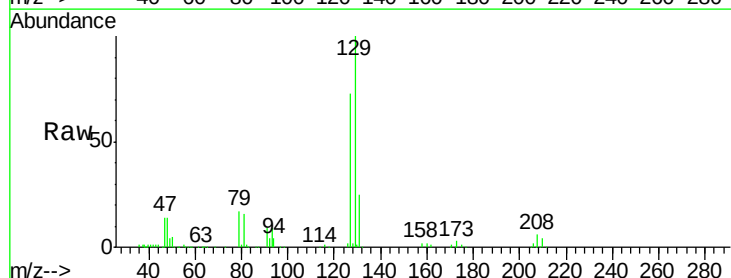
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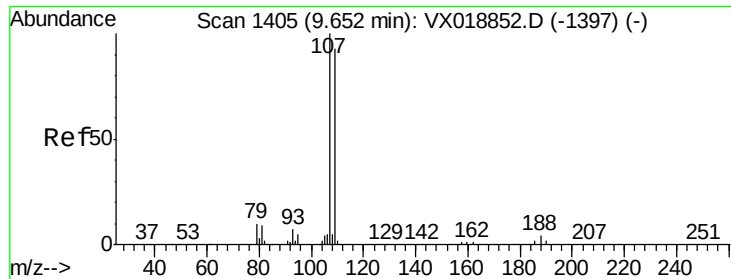
MMDadoda
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#60
Dibromochloromethane
Concen: 17.117 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion: 129 Resp: 50083
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.5





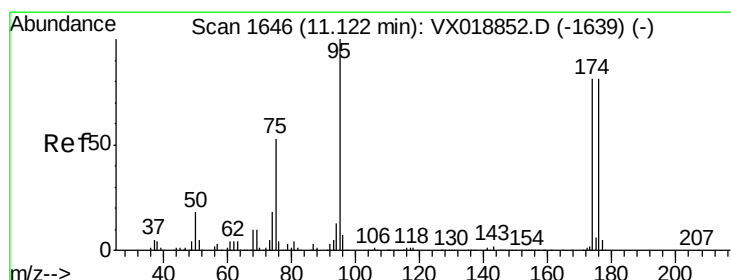
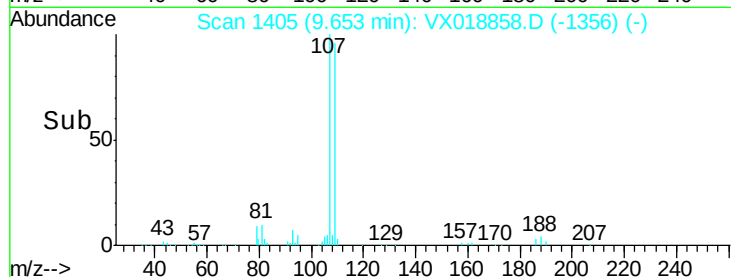
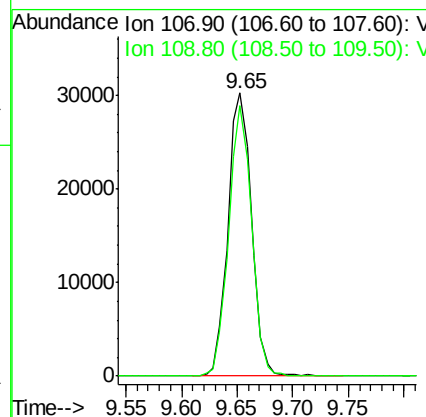
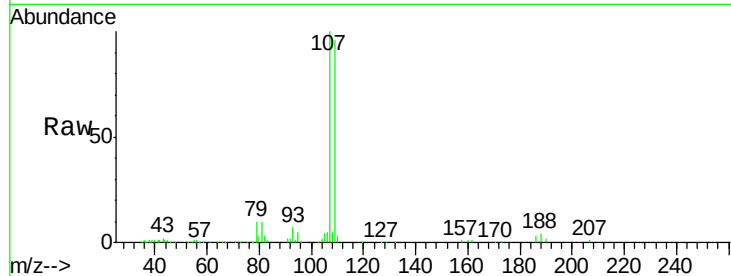
#61
 1,2-Dibromoethane
 Concen: 17.820 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.2	112.8

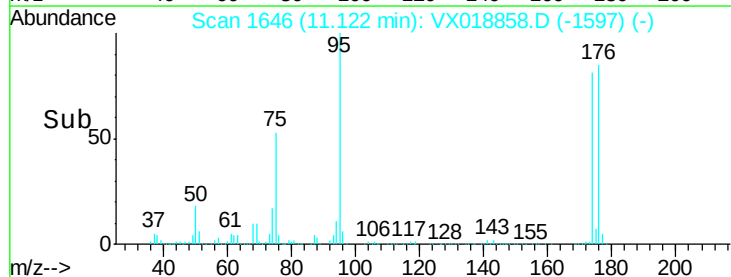
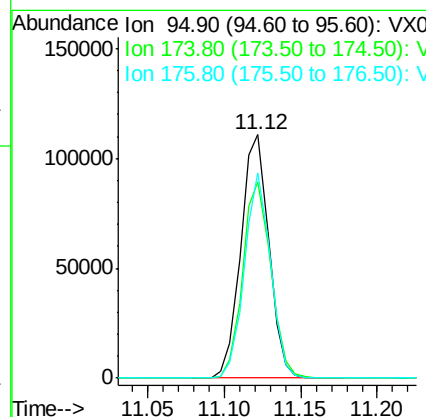
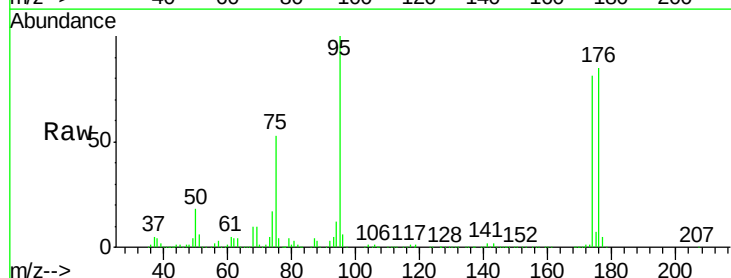
Manual Integrations
 APPROVED

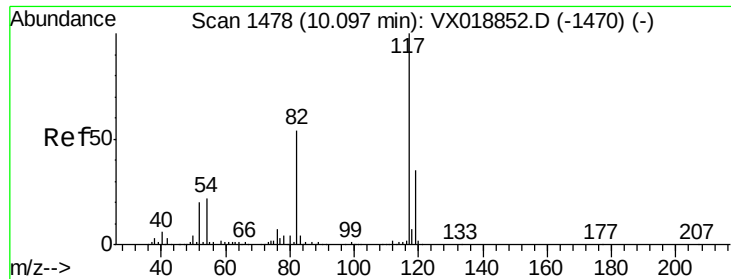
MMDadoda
 10/12/2020 2:23:31 PM



#62
 4-Bromofluorobenzene
 Concen: 47.767 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	160.0
176	78.4	0.0	161.2





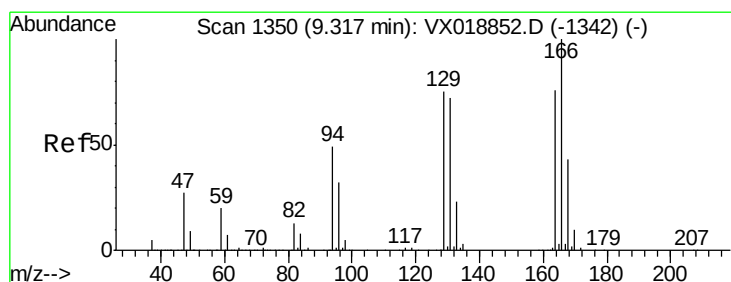
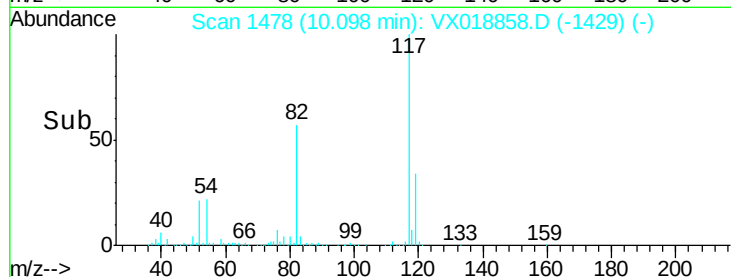
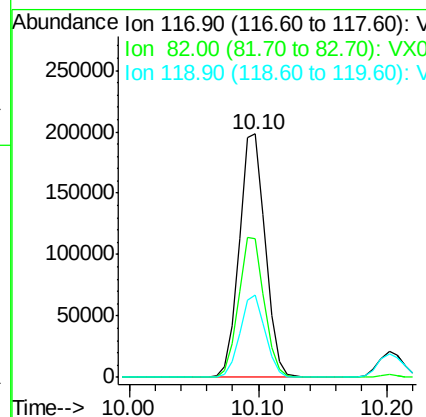
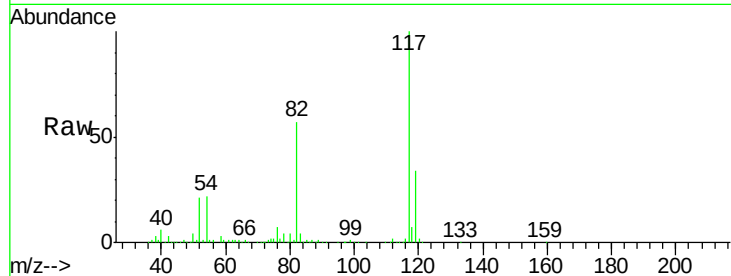
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	279166		
82	56.7	43.4	65.2	
119	33.7	28.3	42.5	

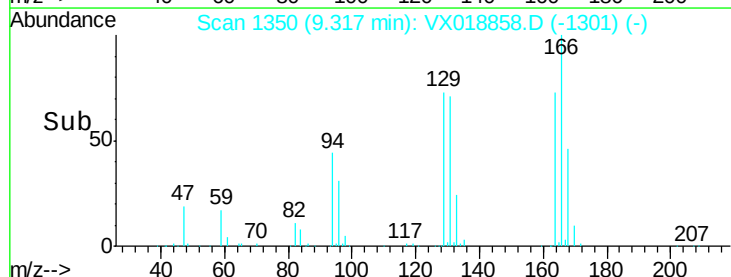
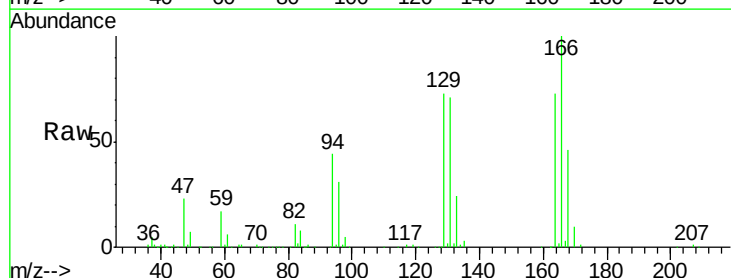
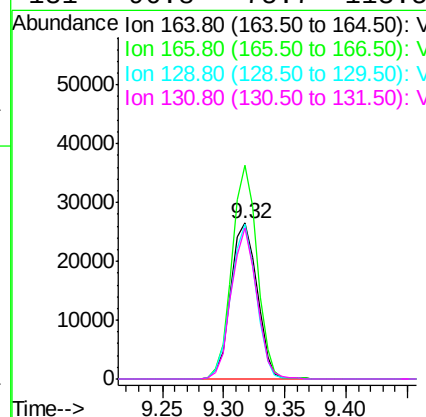
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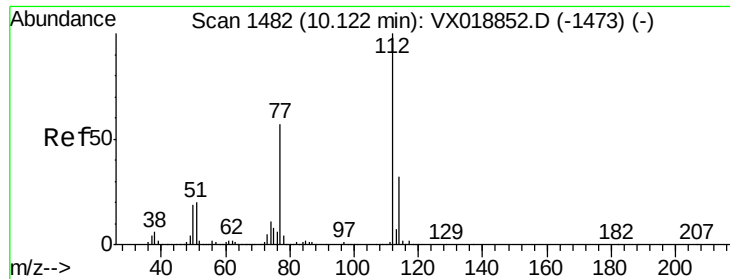
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#64
Tetrachloroethene
Concen: 18.813 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	39856		
166	137.2	105.4	158.0	
129	99.6	79.0	118.6	
131	96.8	75.7	113.5	





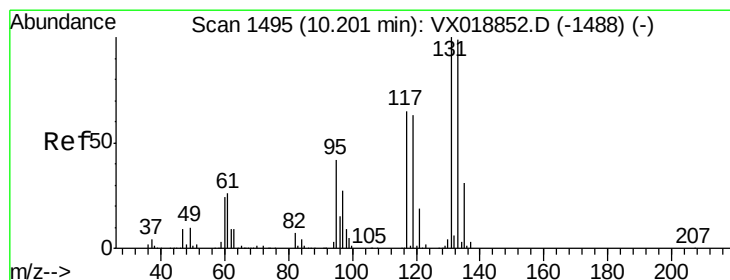
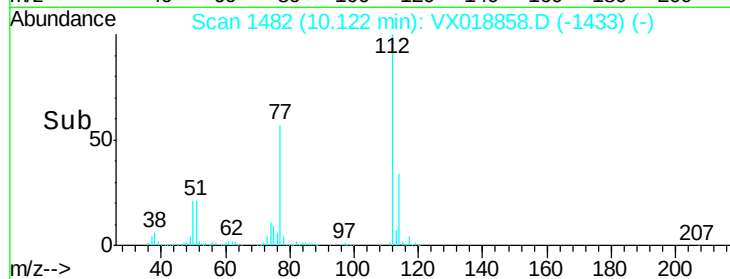
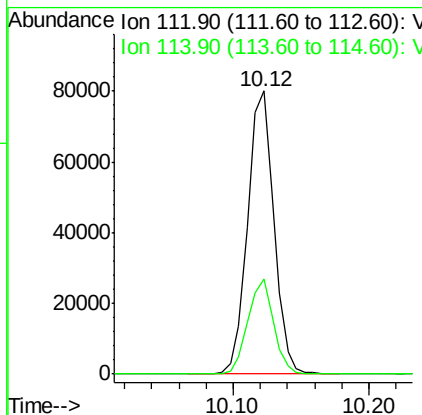
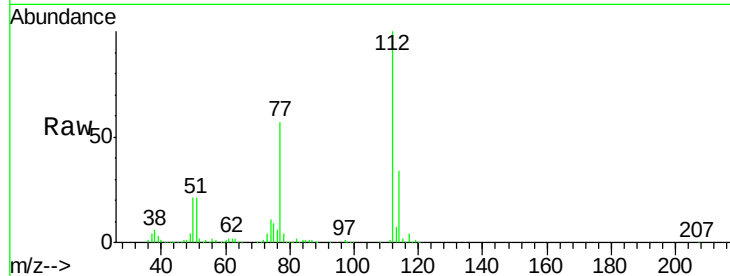
#65
Chlorobenzene
Concen: 18.049 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.8	25.7	38.5

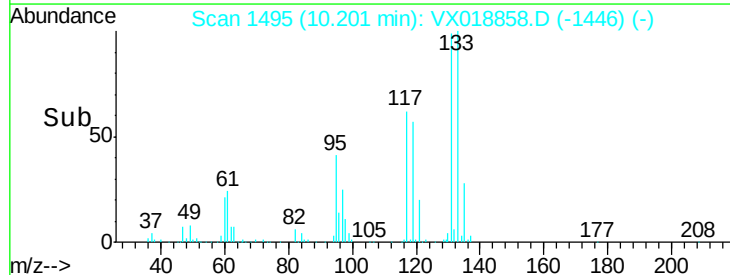
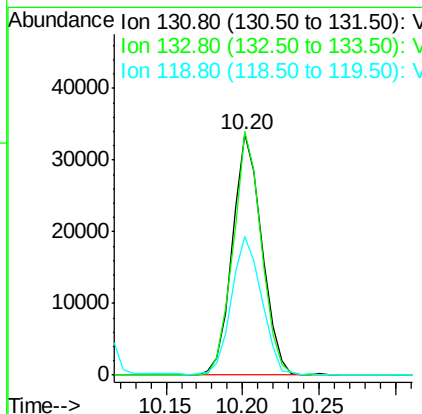
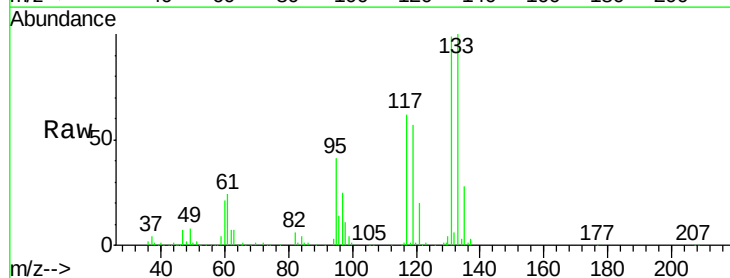
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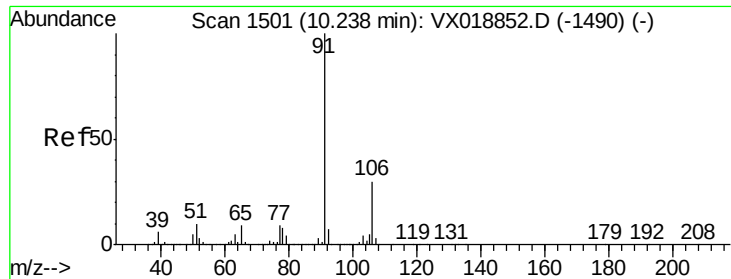
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.008 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.6	145.8
119	59.0	31.1	93.3





#67

Ethyl Benzene

Concen: 17.948 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion: 91 Resp: 182664

Ion Ratio Lower Upper

91 100

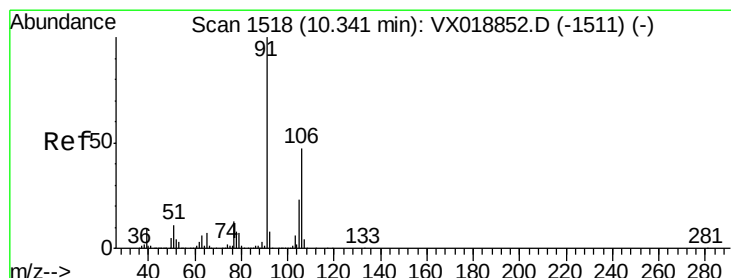
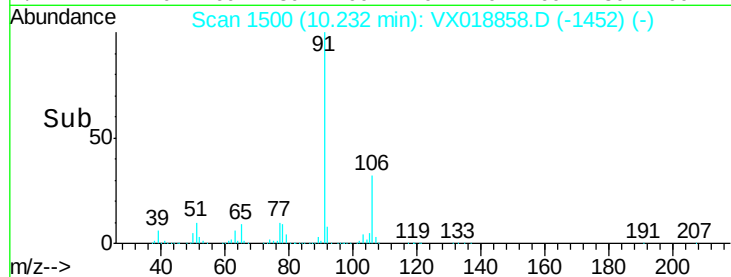
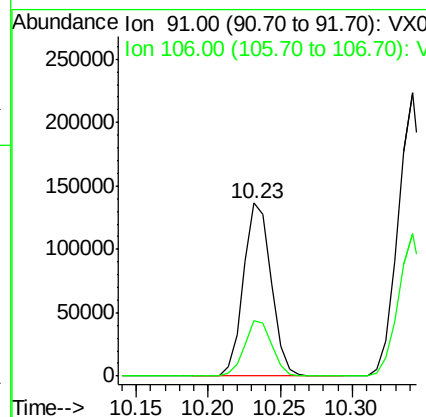
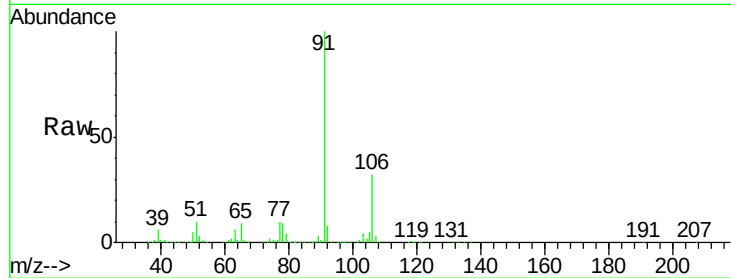
106 31.8 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.322 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018858.D

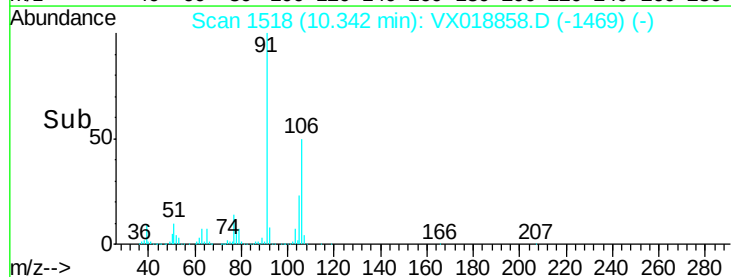
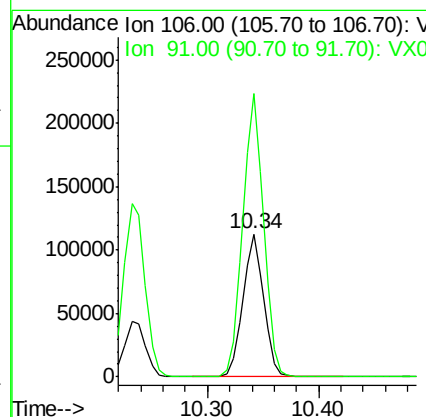
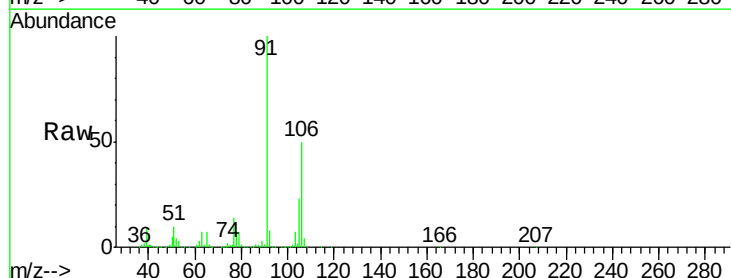
Acq: 09 Oct 2020 16:37

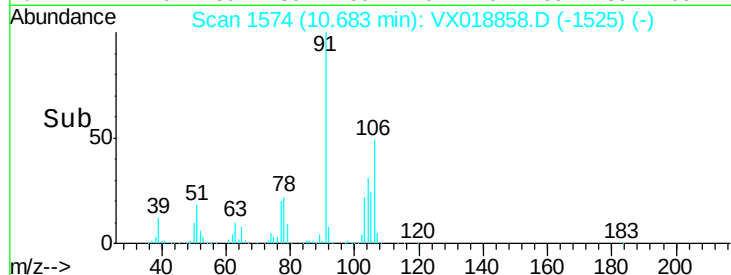
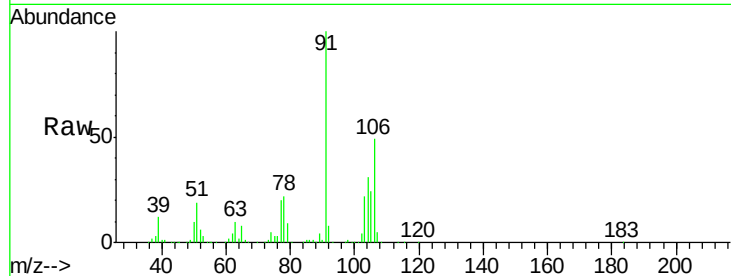
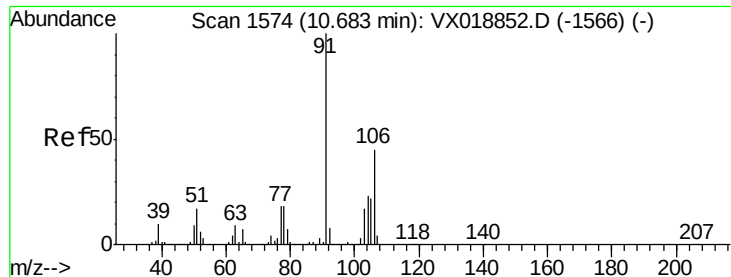
Tgt Ion: 106 Resp: 144311

Ion Ratio Lower Upper

106 100

91 200.0 165.6 248.4





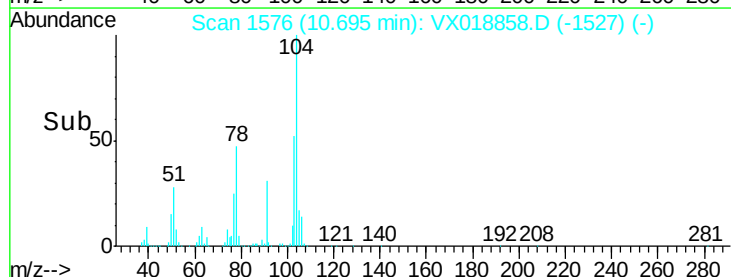
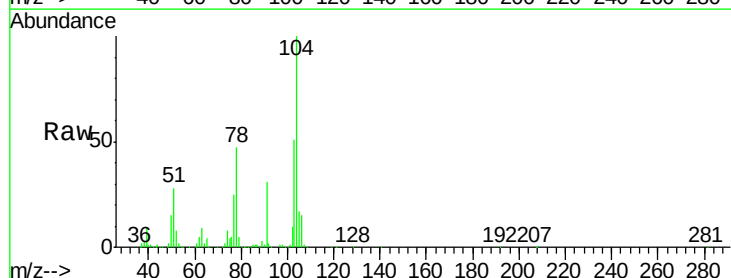
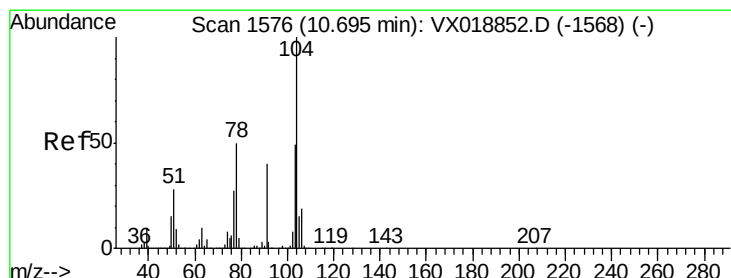
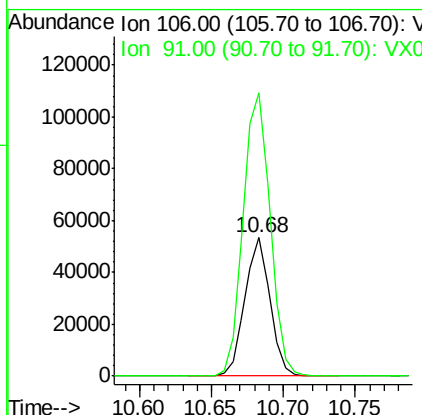
#69
o-Xylene
Concen: 17.665 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tot Ion:106 Resp: 64353
Ion Ratio Lower Upper
106 100
91 220.2 109.9 329.6

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

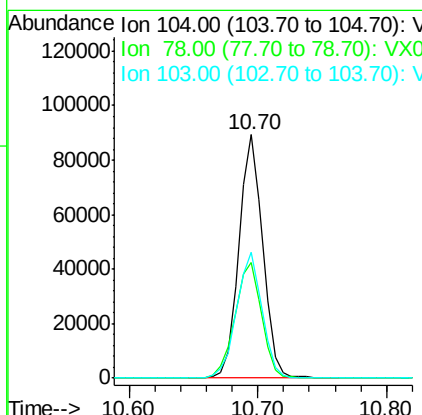
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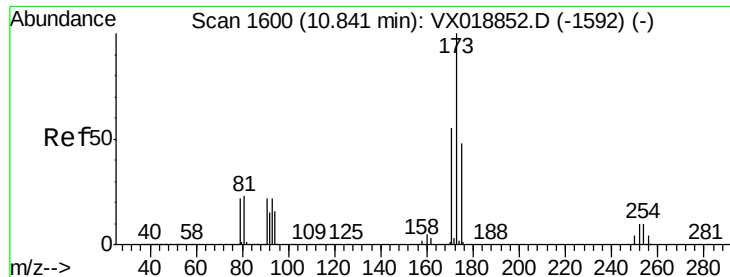
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#70
Styrene
Concen: 18.510 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion:104 Resp: 114160
Ion Ratio Lower Upper
104 100
78 53.7 43.5 65.3
103 55.4 43.3 64.9





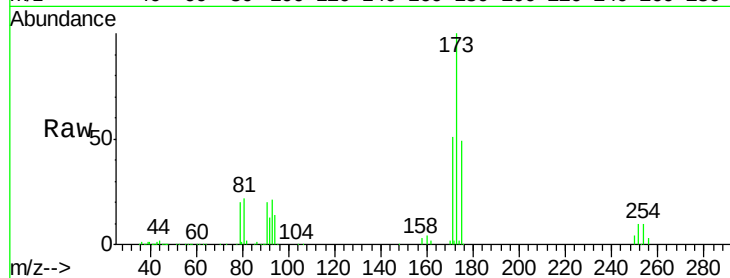
#71
Bromoform
Concen: 17.574 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

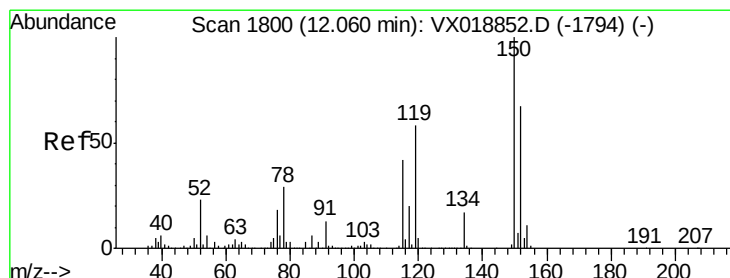
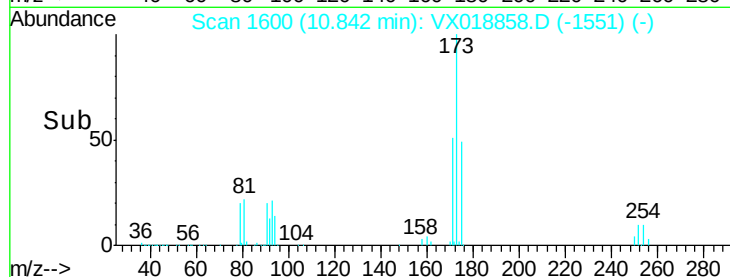
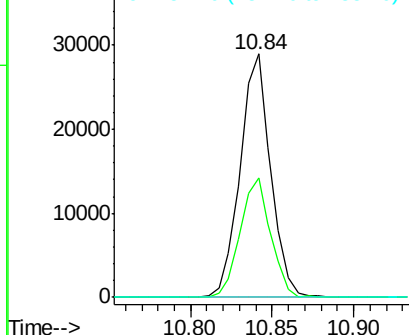
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.4	70.0
254	0.0	0.0	0.0

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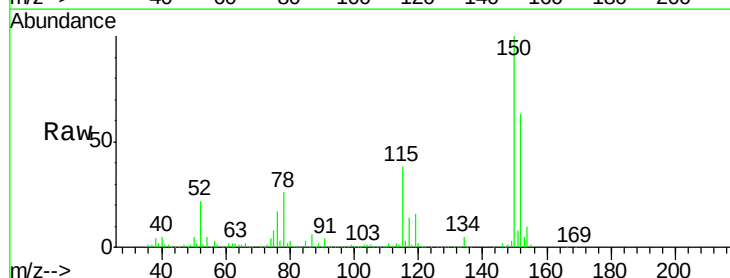


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

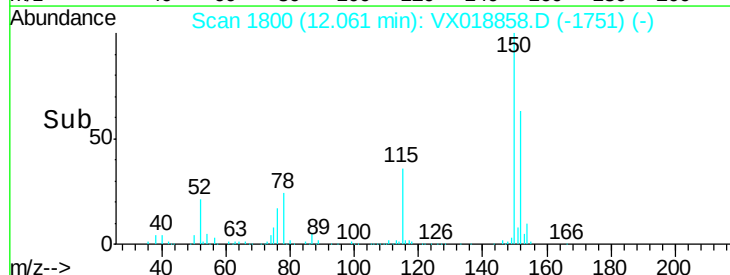
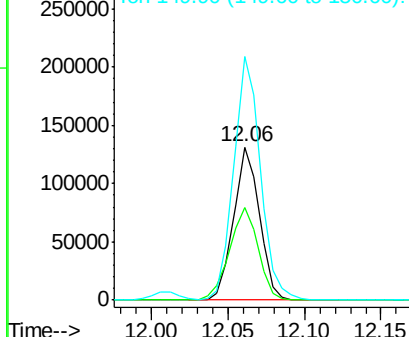


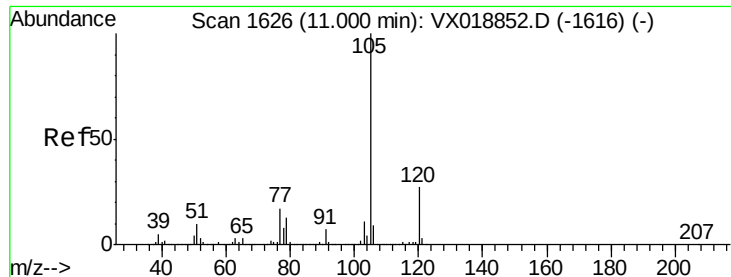
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.2	41.8	125.4
150	165.0	0.0	347.6



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





#73

Isopropylbenzene

Concen: 18.334 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion:105 Resp: 184107

Ion Ratio Lower Upper

105 100

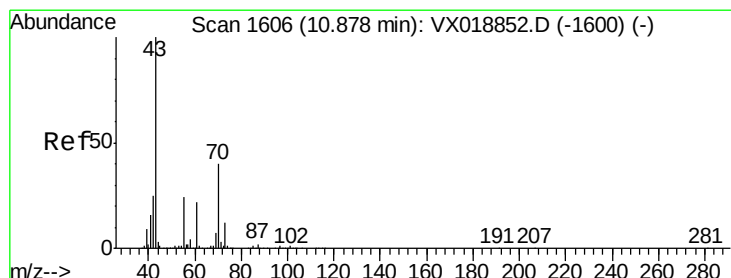
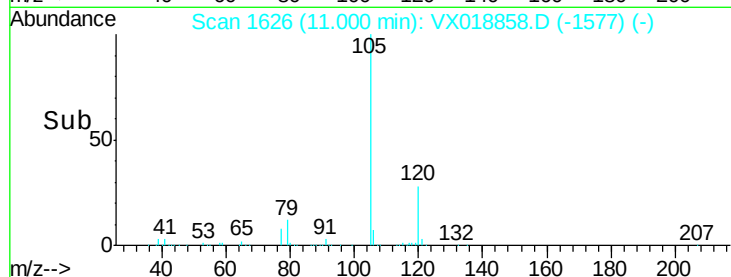
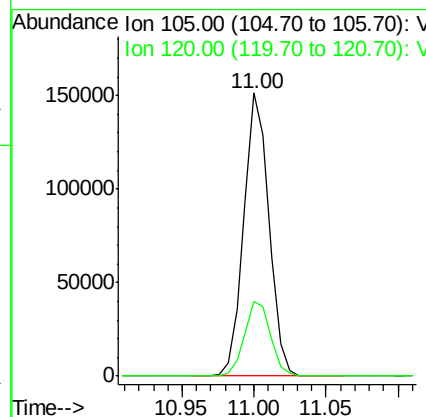
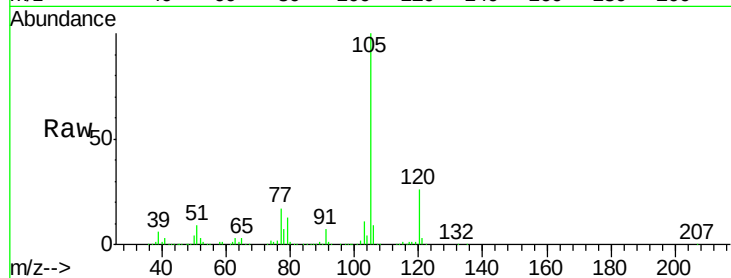
120 27.0 13.3 39.8

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#74

N-ethyl acetate

Concen: 18.497 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Tgt Ion: 43 Resp: 73486

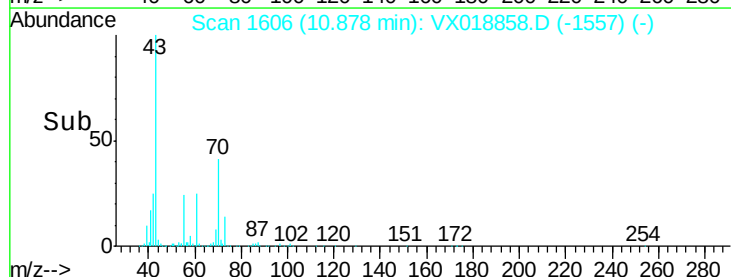
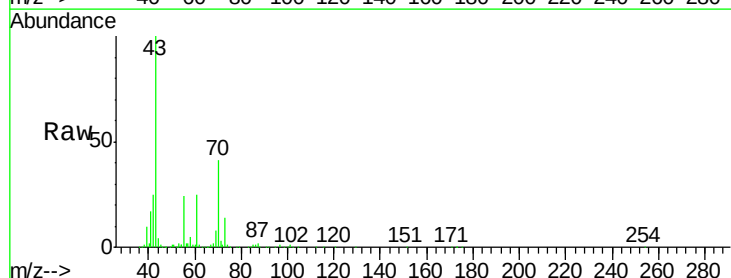
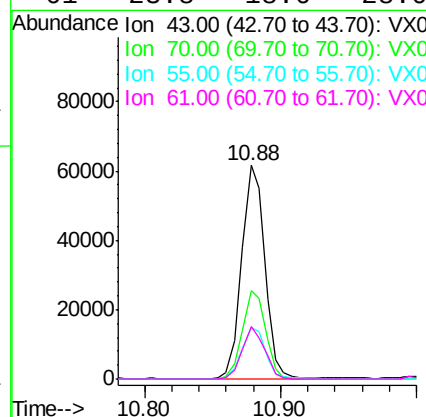
Ion Ratio Lower Upper

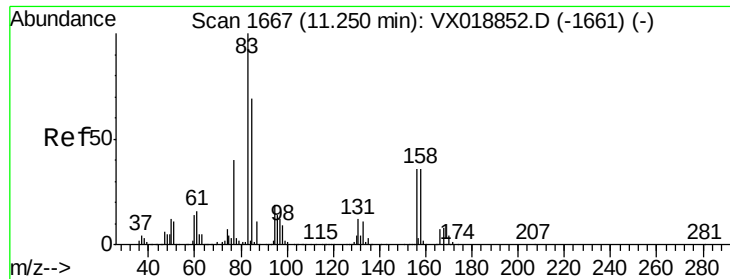
43 100

70 41.7 33.7 50.5

55 24.9 19.8 29.8

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.086 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

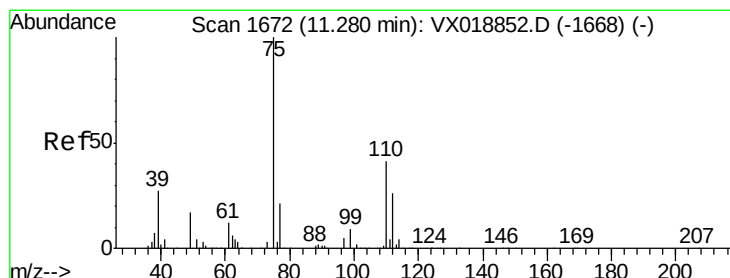
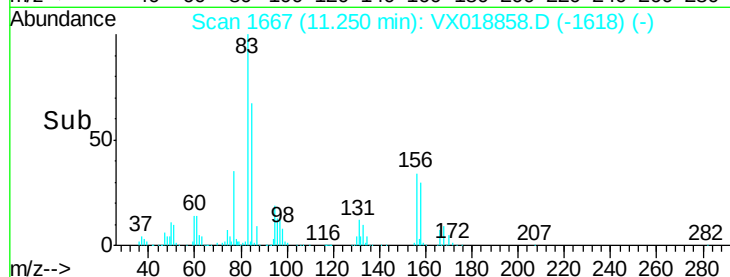
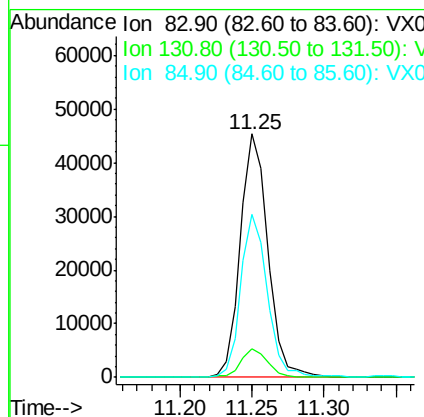
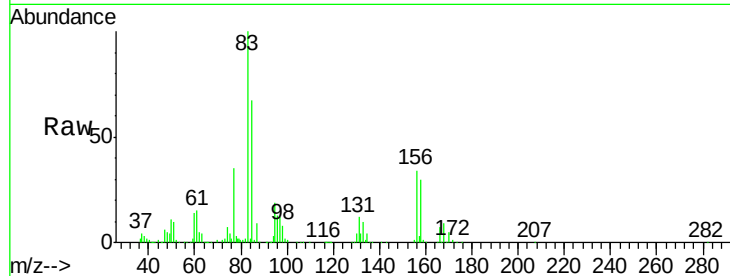
ClientSampleId :

VX1009WBSD01

Tot Ion:	83	Resp:	60531
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.9	17.8
85	65.0	33.0	98.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.866 ug/l m

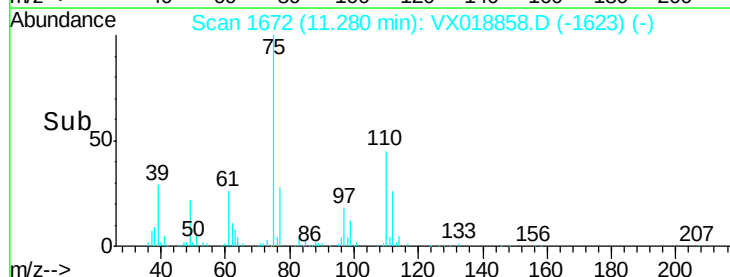
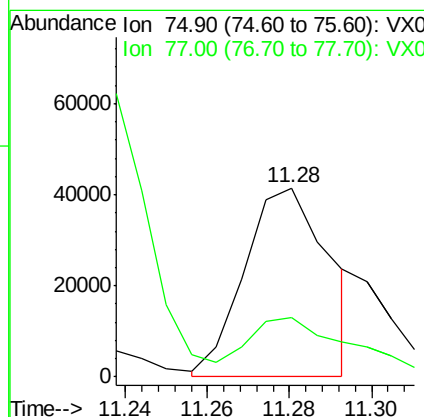
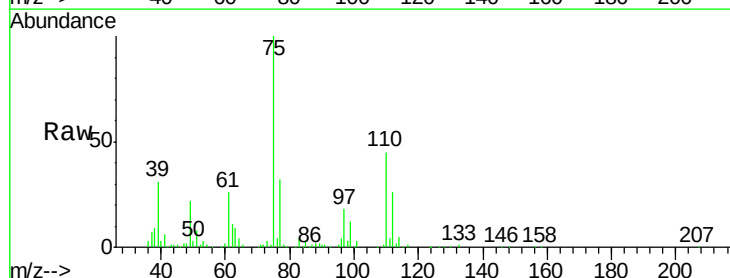
RT: 11.28 min Scan# 1672

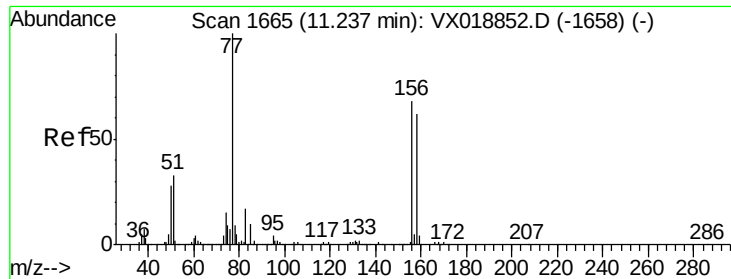
Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Tgt Ion:	75	Resp:	59094
Ion Ratio	Lower	Upper	
75	100		
77	38.6	20.2	60.6





#77

Bromobenzene

Concen: 18.041 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion:156 Resp: 49764

Ion Ratio Lower Upper

156 100

77 155.7 76.0 228.1

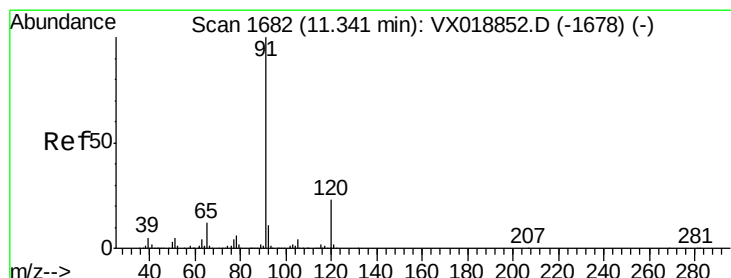
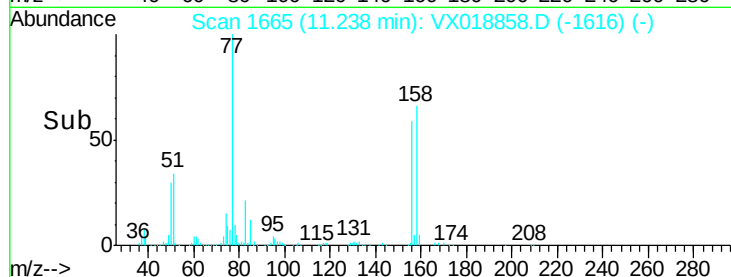
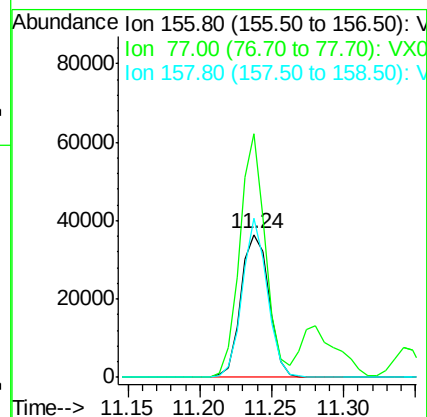
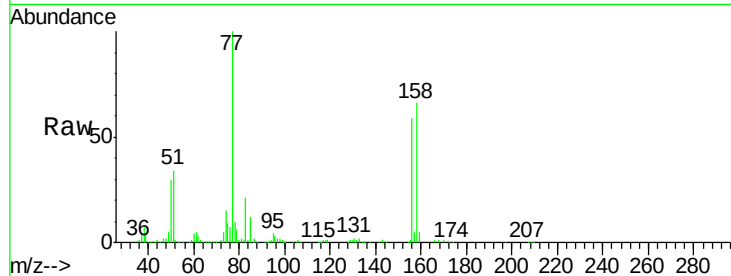
158 98.5 47.2 141.6

Manual Integrations

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#78

n-propylbenzene

Concen: 18.140 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018858.D

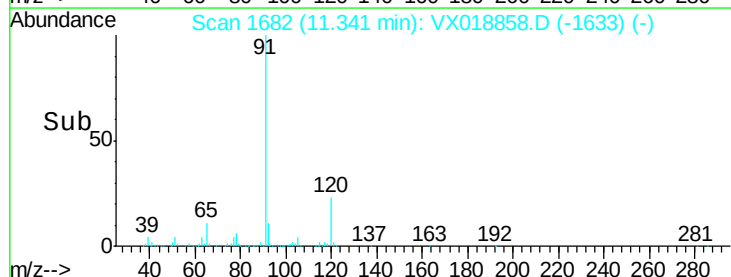
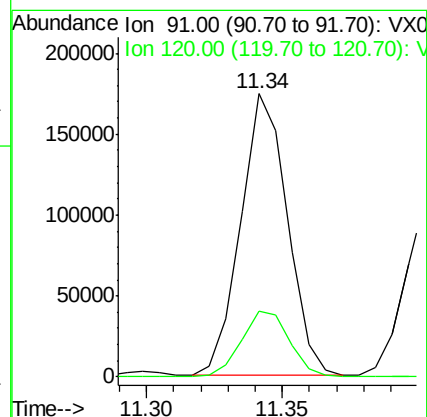
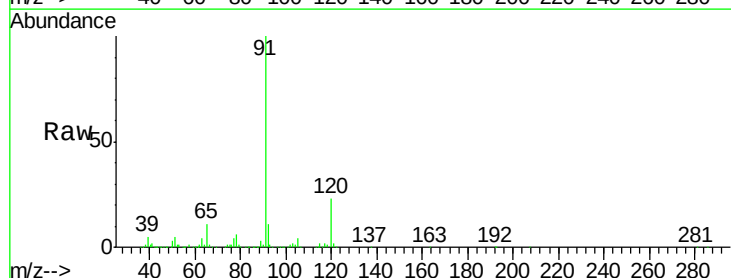
Acq: 09 Oct 2020 16:37

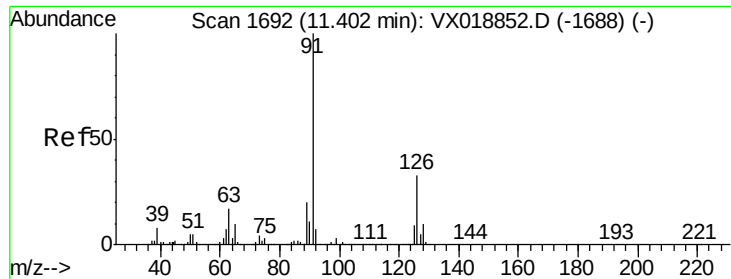
Tgt Ion: 91 Resp: 207561

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.0





#79

2-Chlorotoluene

Concen: 18.354 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD01

Tot Ion: 91 Resp: 130911

Ion Ratio Lower Upper

91 100

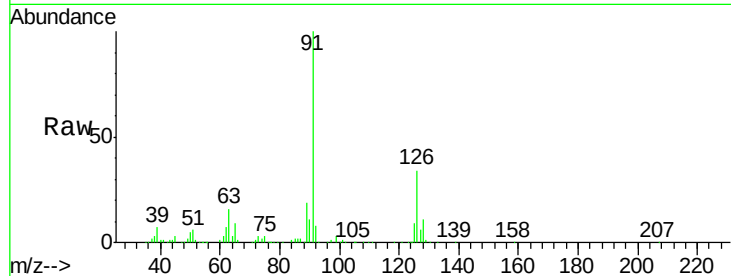
126 34.5 17.1 51.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018858.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX018858.D (-1643) (-)

200000

150000

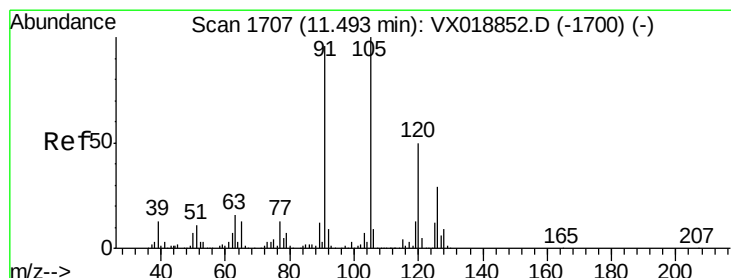
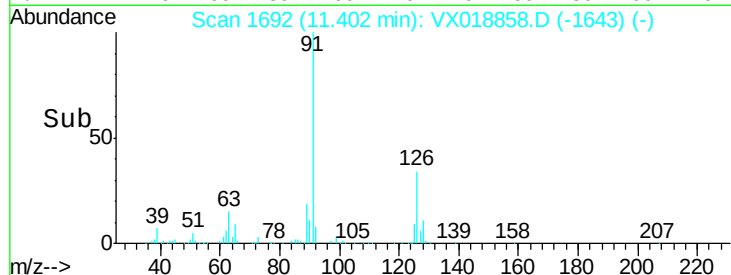
100000

50000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.974 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018858.D

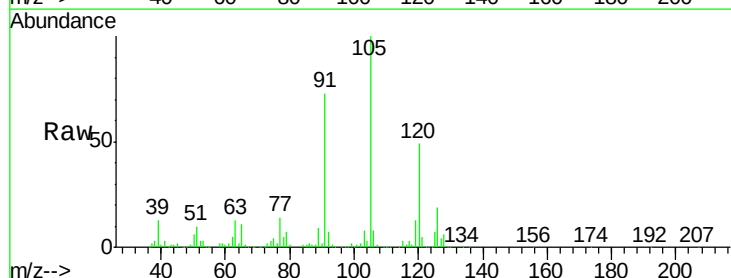
Acq: 09 Oct 2020 16:37

Tgt Ion: 105 Resp: 162975

Ion Ratio Lower Upper

105 100

120 48.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018858.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX018858.D (-1658) (-)

150000

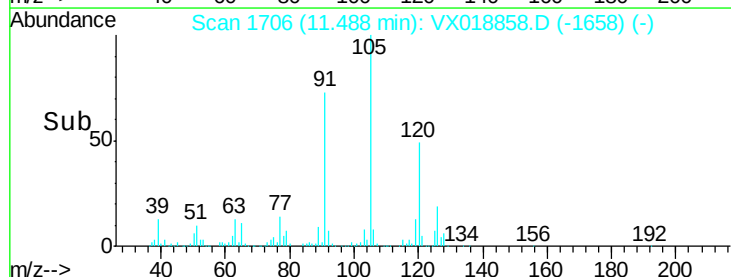
100000

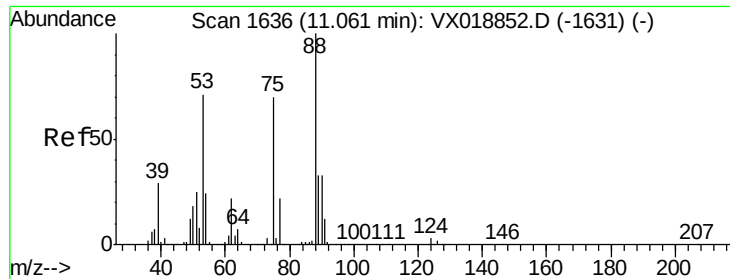
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.066 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Instrument :

MSVOA_X

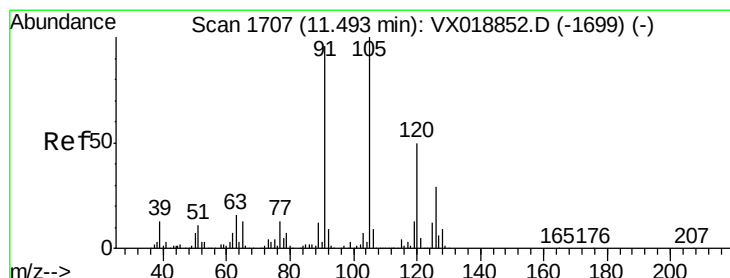
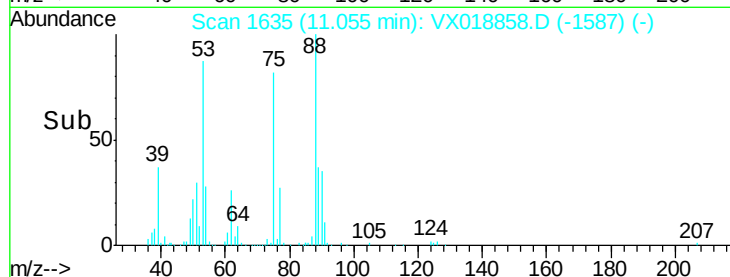
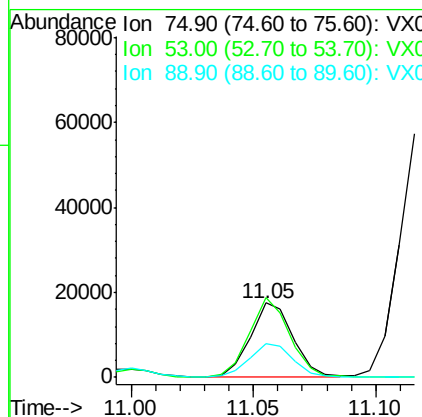
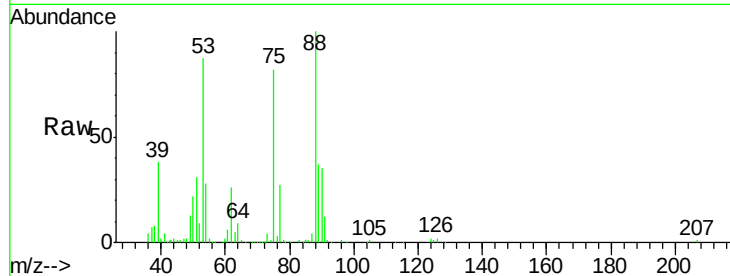
ClientSampleId :

VX1009WBSD01

Tot Ion:	75	Resp:	21085
Ion Ratio	Lower	Upper	
75	100		
53	102.8	85.0	127.4
89	47.4	39.0	58.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.632 ug/l

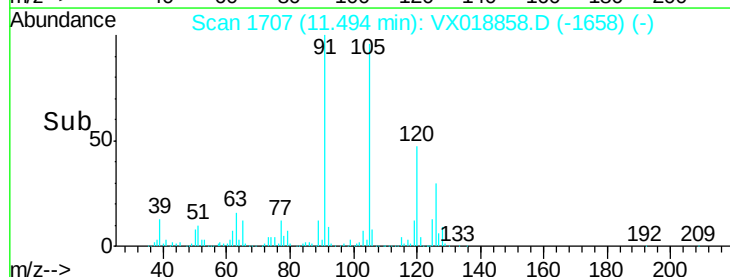
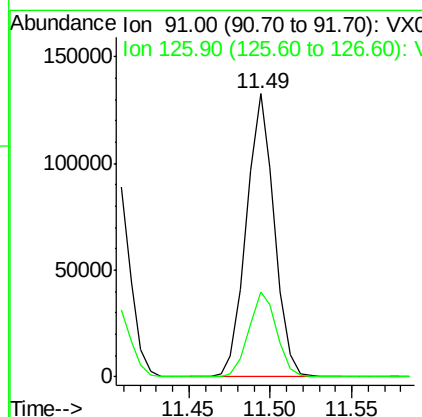
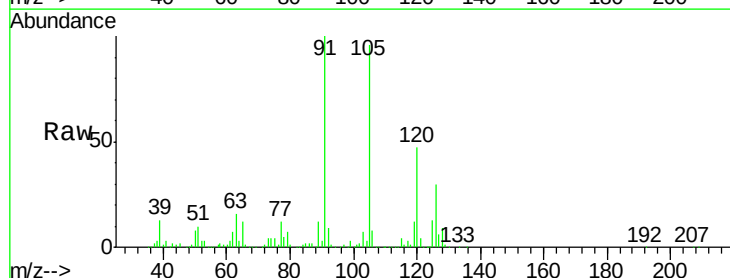
RT: 11.49 min Scan# 1707

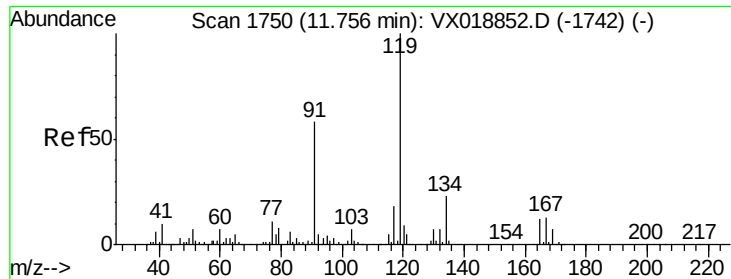
Delta R.T. 0.00 min

Lab File: VX018858.D

Acq: 09 Oct 2020 16:37

Tgt Ion:	91	Resp:	158016
Ion Ratio	Lower	Upper	
91	100		
126	30.0	14.9	44.7





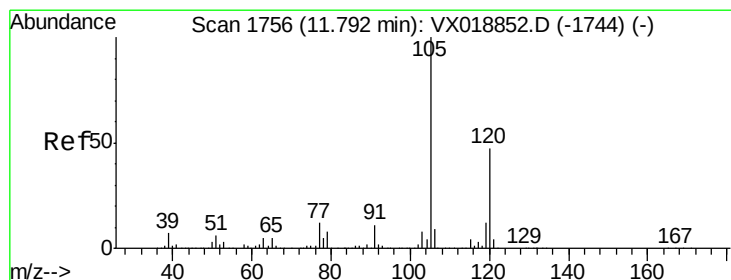
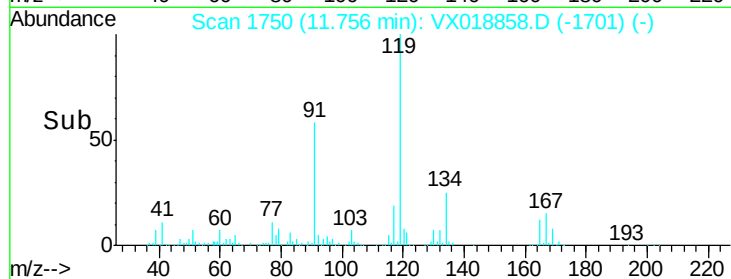
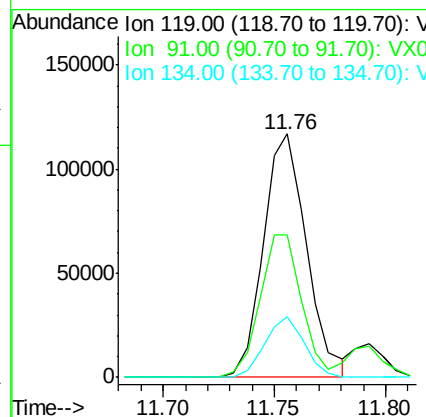
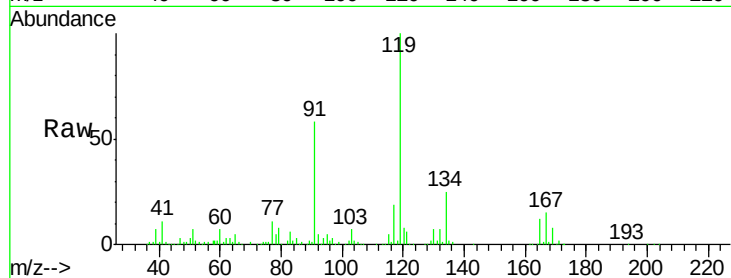
#83
tert-Butylbenzene
Concen: 18.247 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	156955		
91	56.4	28.6	85.9	
134	22.8	11.7	35.0	

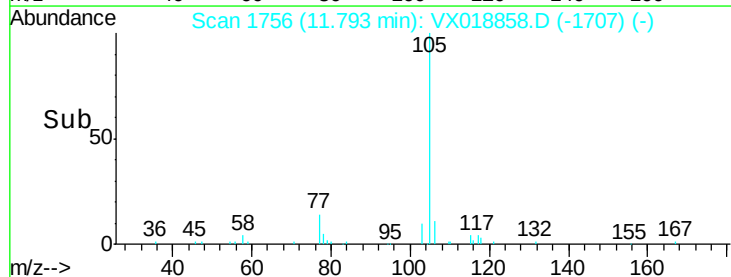
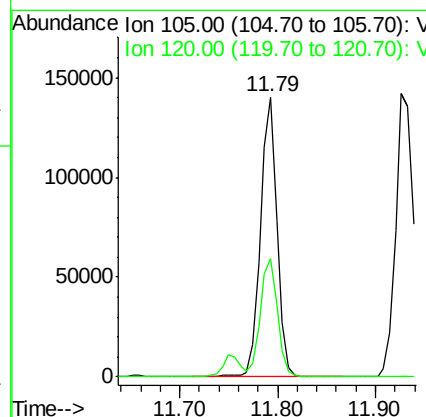
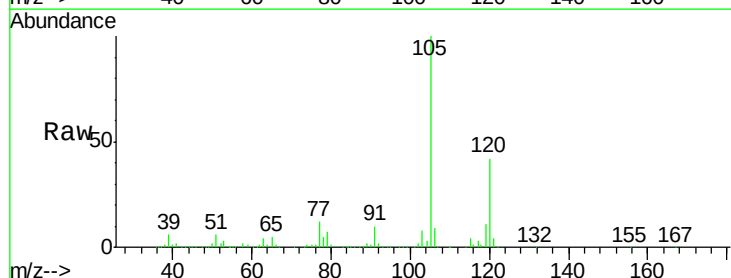
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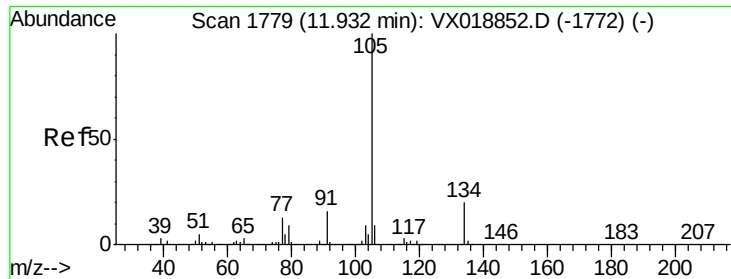
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#84
1,2,4-Trimethylbenzene
Concen: 18.782 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164000		
120	43.5	22.6	67.8	





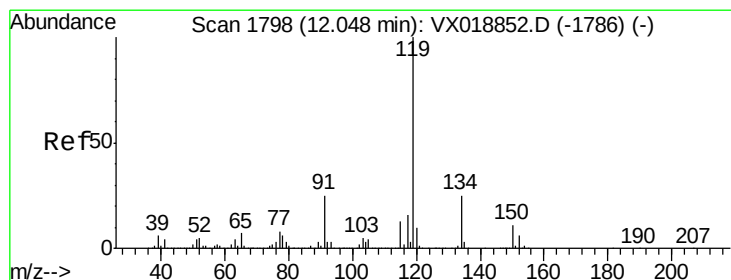
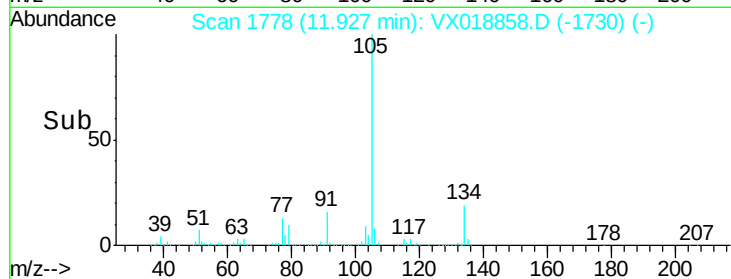
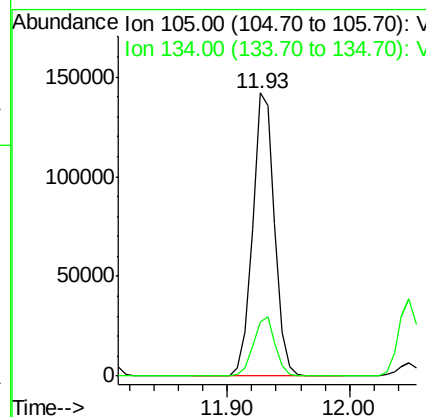
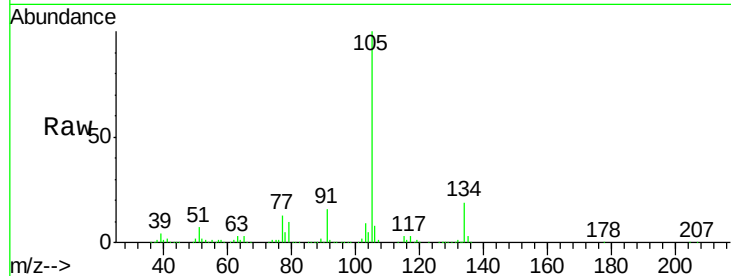
#85
 sec-Butylbenzene
 Concen: 18.210 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.2	30.4

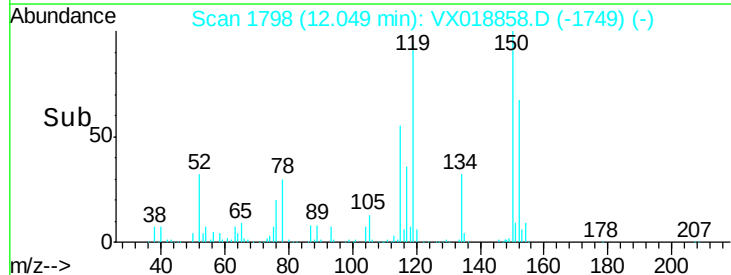
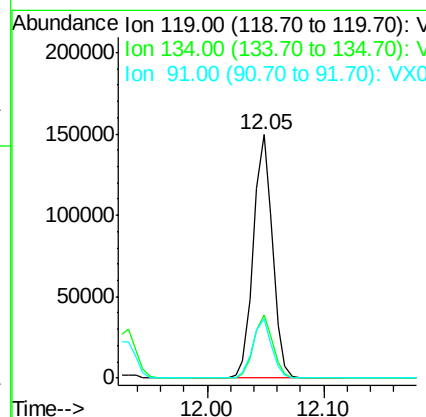
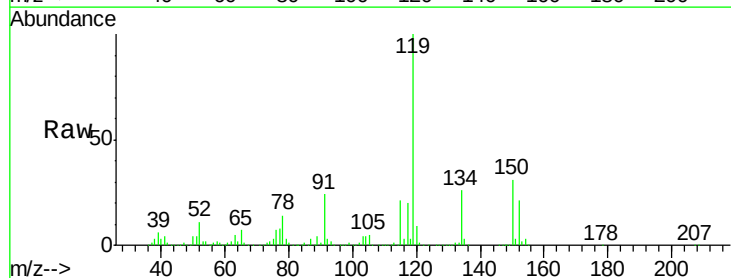
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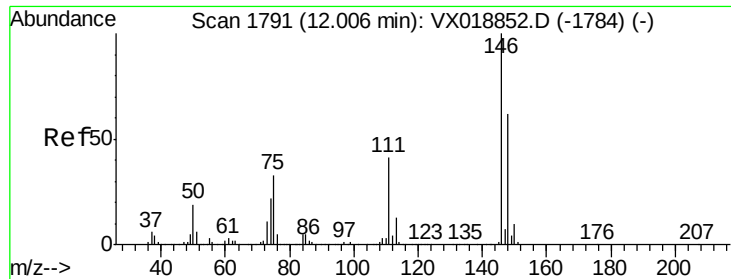
MMDadoda
 10/12/2020 2:23:31 PM



#86
 p-Isopropyltoluene
 Concen: 18.733 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.8	38.4
91	24.4	12.3	36.9





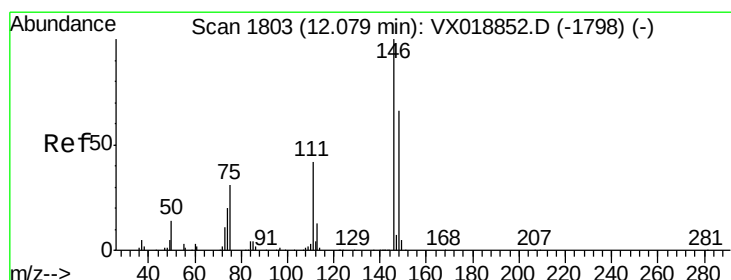
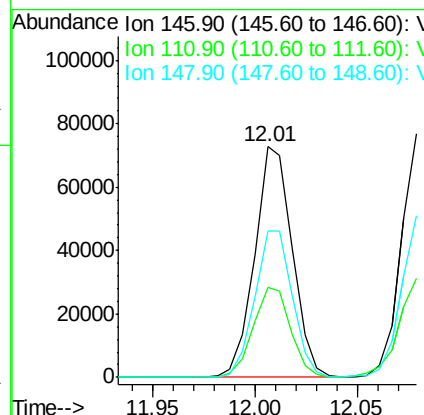
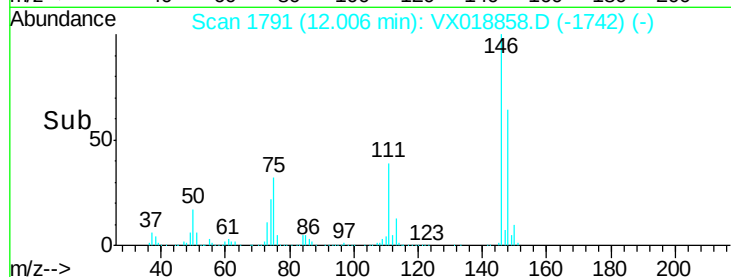
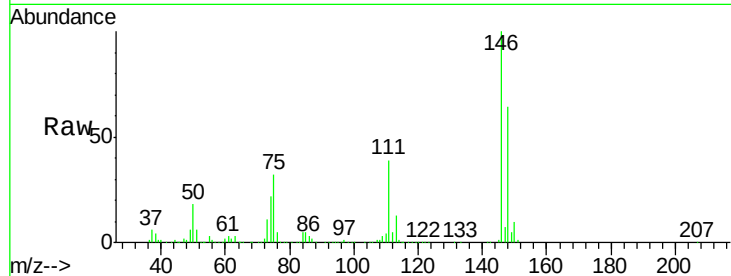
#87
 1,3-Dichlorobenzene
 Concen: 18.462 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.0	59.9
148	63.8	31.4	94.3

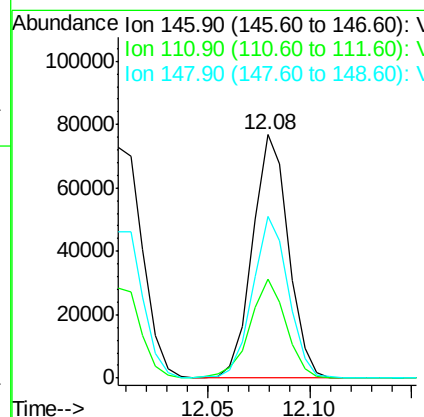
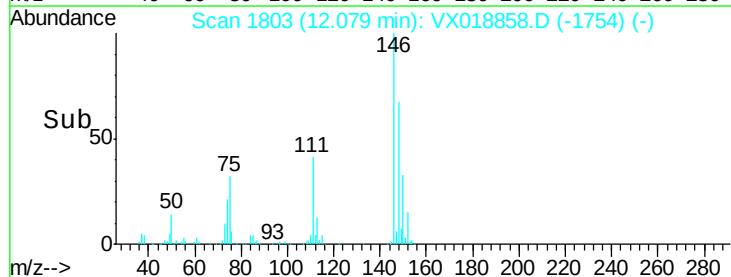
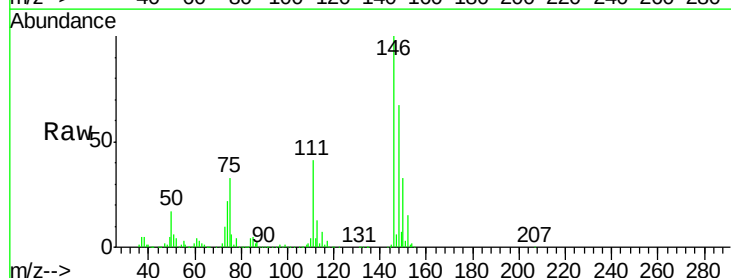
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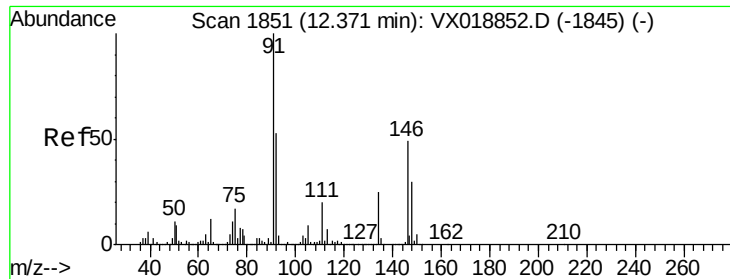
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#88
 1,4-Dichlorobenzene
 Concen: 18.233 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.5
148	66.8	32.2	96.6





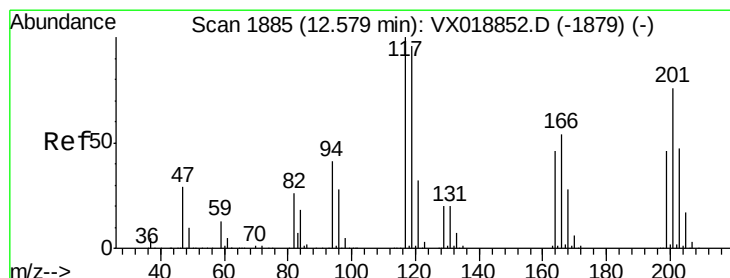
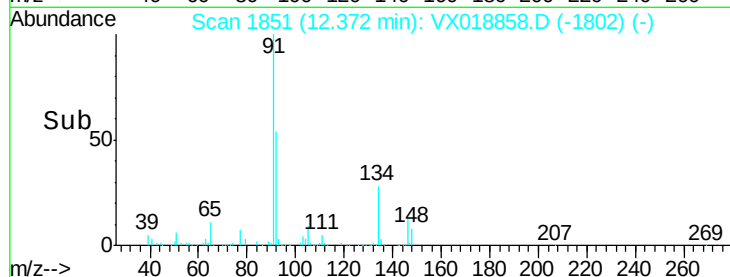
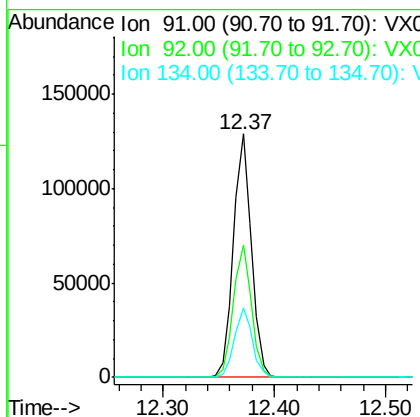
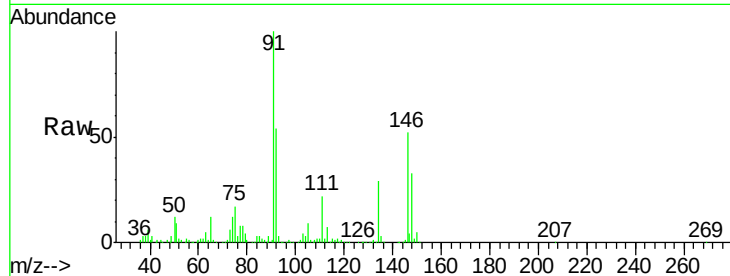
#89
n-Butylbenzene
Concen: 18.042 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.7	80.0
134	27.9	13.5	40.4

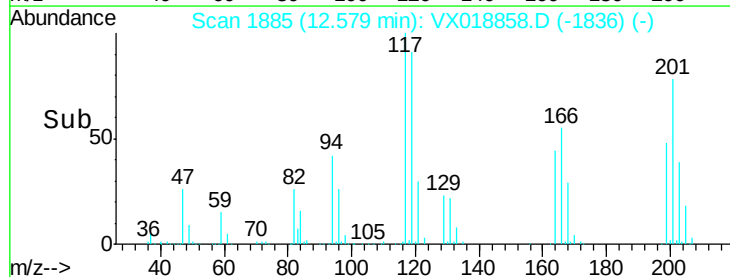
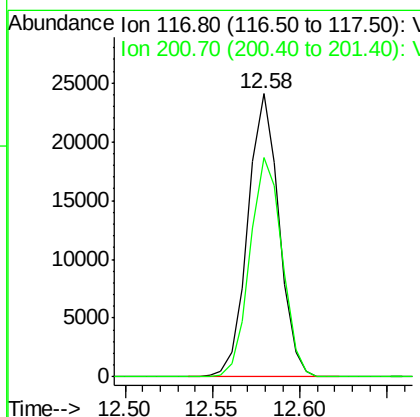
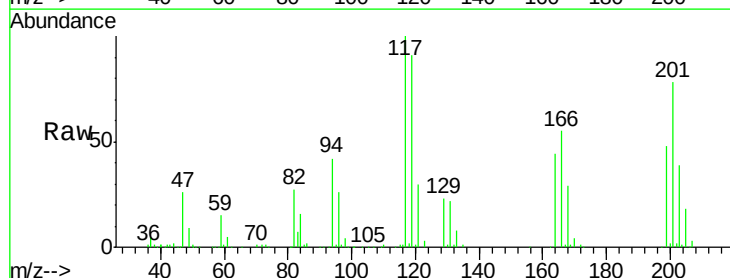
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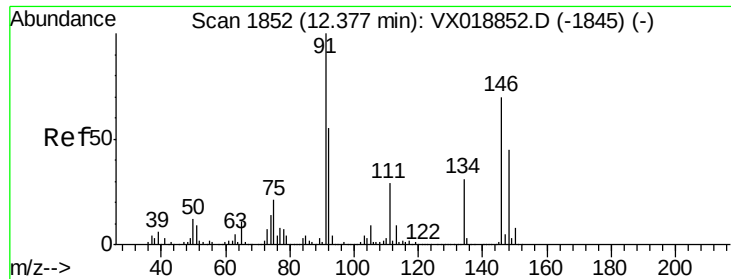
MMDadoda
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#90
Hexachloroethane
Concen: 17.419 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	37.4	112.2





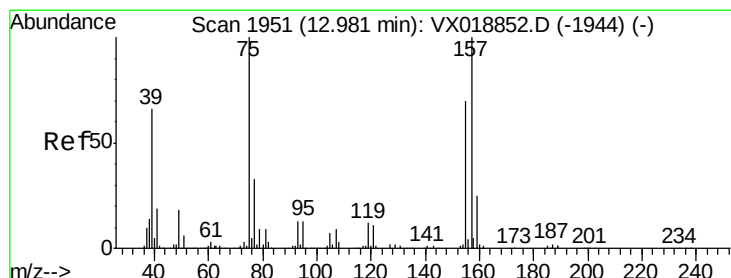
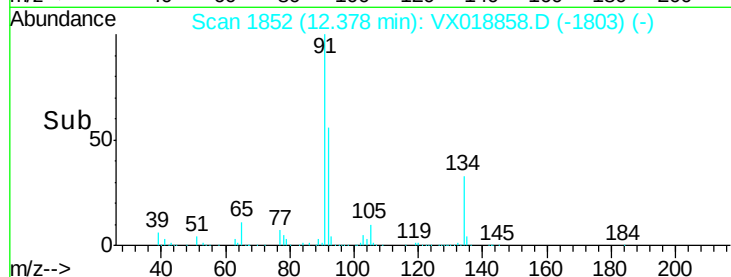
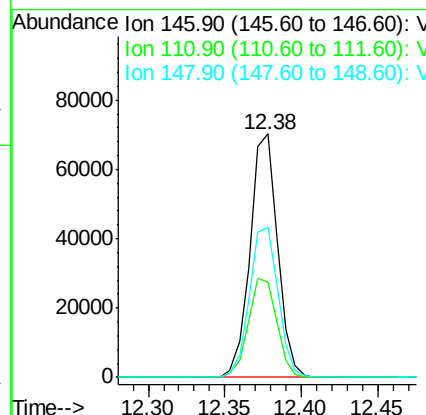
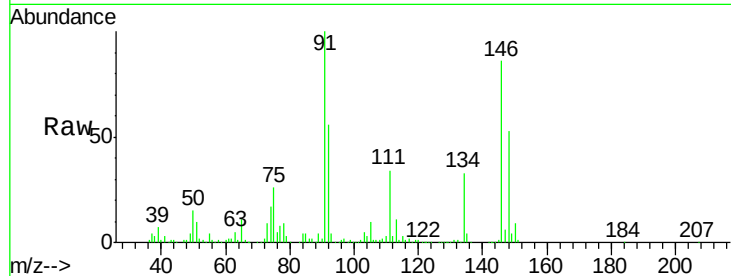
#91
 1,2-Dichlorobenzene
 Concen: 18.189 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.9
148	64.7	31.1	93.2

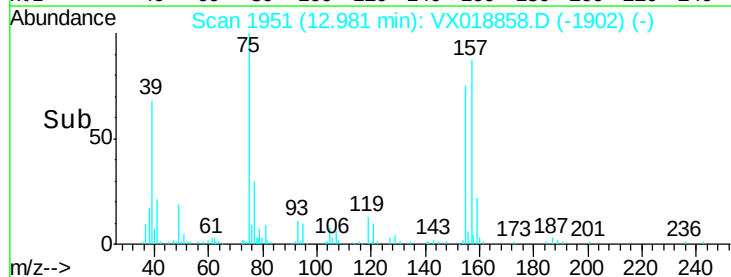
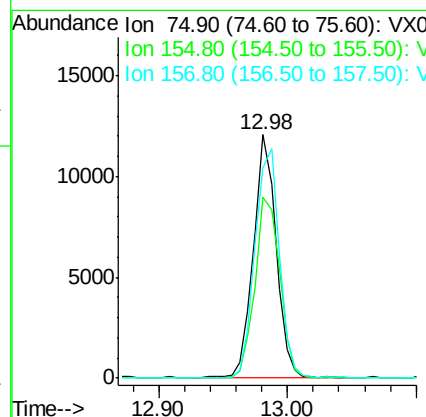
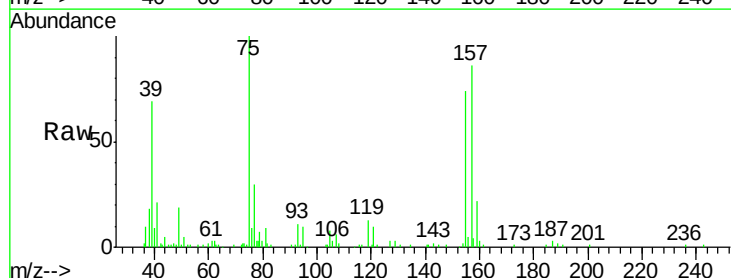
Manual Integrations
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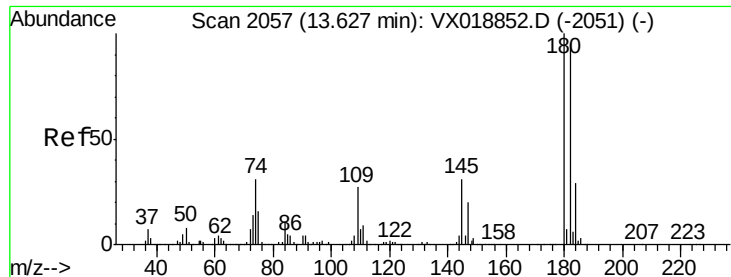
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 10/12/2020 2:23:31 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.075 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018858.D
 Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	38.0	113.9
157	100.5	50.9	152.7





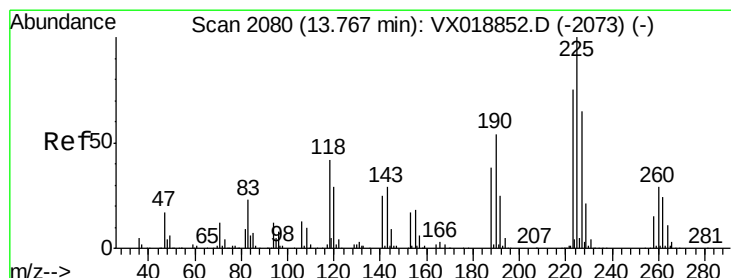
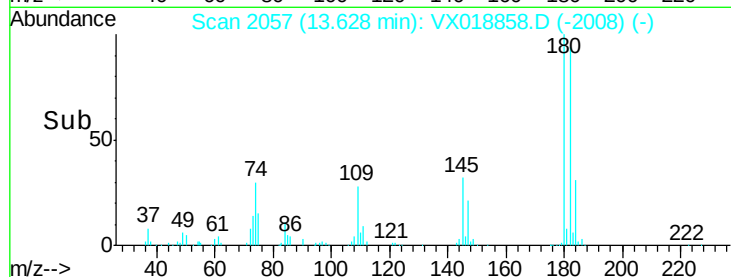
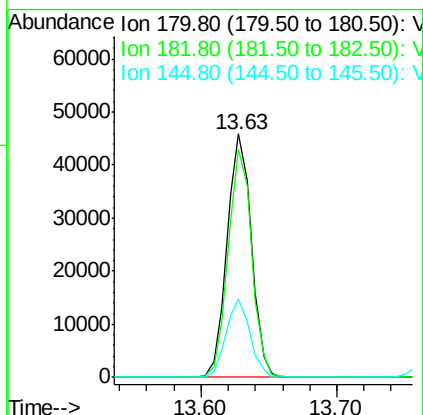
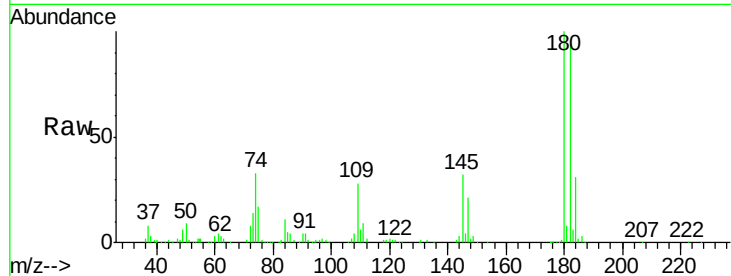
#93
1,2,4-Trichlorobenzene
Concen: 18.360 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.3	49.1	147.3
145	31.7	16.0	48.0

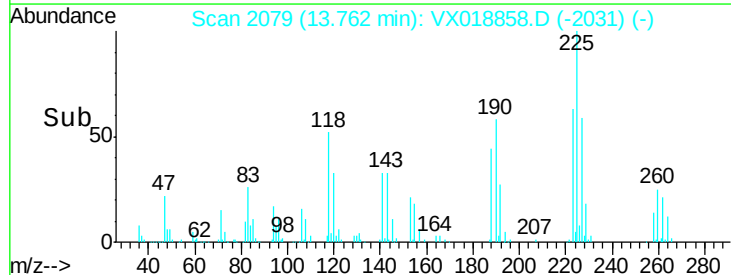
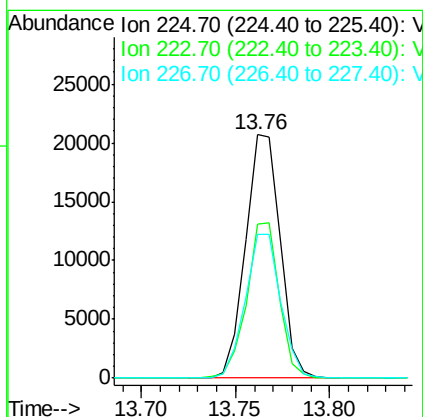
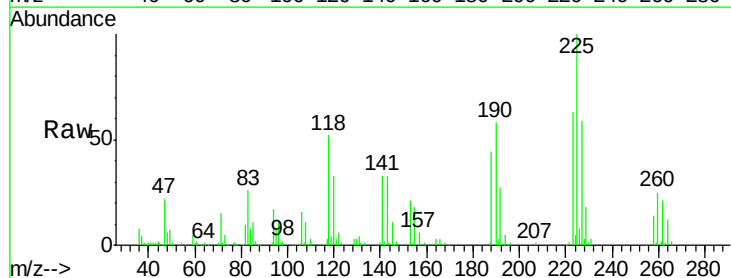
Manual Integrations
APPROVED

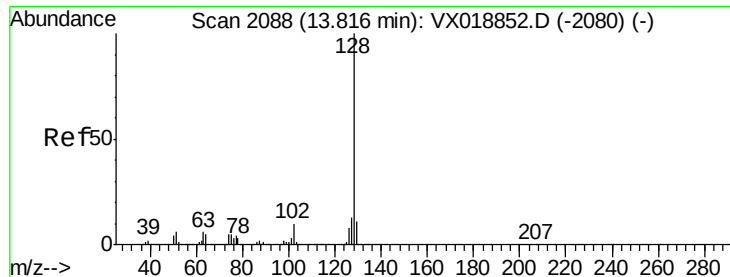
MMDadoda
10/12/2020 2:23:31 PM



#94
Hexachlorobutadiene
Concen: 19.186 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	32.1	96.3
227	60.7	33.0	98.9





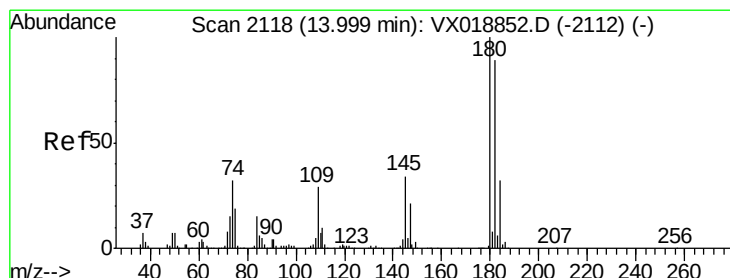
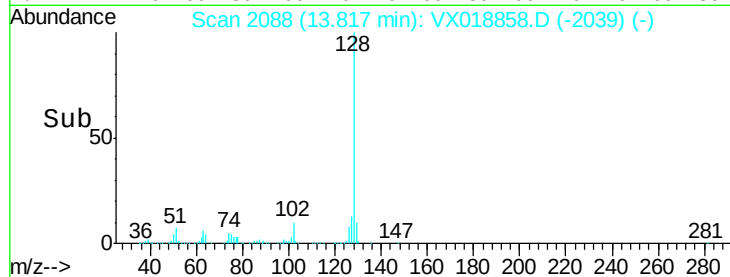
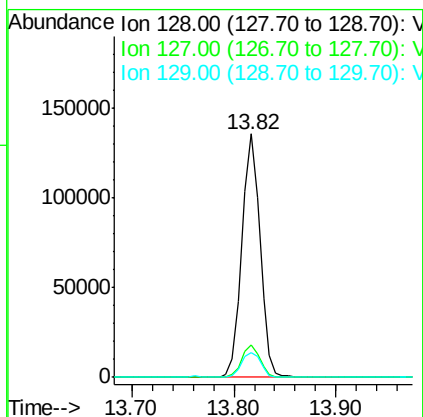
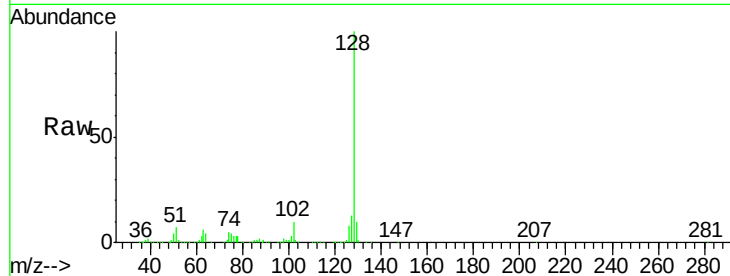
#95
Naphthalene
Concen: 18.169 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:23:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.926 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018858.D
Acq: 09 Oct 2020 16:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.7	143.1
145	32.0	16.7	50.0

