

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018849.D
 Acq On : 09 Oct 2020 11:07
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:16 PM

Quant Time: Oct 10 05:59:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	199044	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	306928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	290150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	1400	0.717 ug/l	72
3) Chloromethane	1.31	50	2173	1.005 ug/l	100
4) Vinyl Chloride	1.40	62	2258	0.983 ug/l	98
6) Chloroethane	1.72	64	1705	1.279 ug/l #	62
7) Trichlorofluoromethane	1.92	101	4529	1.243 ug/l	99
8) Diethyl Ether	2.17	74	1615	1.304 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2126	1.112 ug/l	90
12) 1,1-Dichloroethene	2.36	96	2650	1.387 ug/l #	69
14) Allyl chloride	2.71	41	3639	0.994 ug/l #	90
15) Acrylonitrile	3.11	53	5193	4.589 ug/l	95
16) Acetone	2.42	43	9145	8.367 ug/l #	82
17) Carbon Disulfide	2.55	76	5913	1.039 ug/l #	94
18) Methyl Acetate	2.75	43	2935	1.127 ug/l	98
19) Methyl tert-butyl Ether	3.17	73	6093	0.915 ug/l	97
20) Methylene Chloride	2.83	84	2828	1.203 ug/l #	83
21) trans-1,2-Dichloroethene	3.14	96	2426	1.090 ug/l #	86
22) Diisopropyl ether	3.82	45	6198	0.908 ug/l #	91
23) Vinyl Acetate	3.78	43	25929	4.219 ug/l	95
24) 1,1-Dichloroethane	3.67	63	4856	1.209 ug/l	96
25) 2-Butanone	4.64	43	8394	5.059 ug/l	97
26) 2,2-Dichloropropane	4.54	77	4495	1.196 ug/l	92
27) cis-1,2-Dichloroethene	4.57	96	2650	1.067 ug/l	94
28) Bromochloromethane	4.98	49	2453m	1.319 ug/l	
29) Tetrahydrofuran	5.10	42	4239	4.164 ug/l #	49
30) Chloroform	5.18	83	5272	1.277 ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	4865	1.253 ug/l #	38
36) 1,1-Dichloropropene	5.76	75	3828	1.279 ug/l	95
37) Ethyl Acetate	4.79	43	3308	1.044 ug/l #	94
38) Carbon Tetrachloride	5.74	117	4018	1.184 ug/l	92
39) Methylcyclohexane	7.44	83	3150m	0.961 ug/l	
40) Benzene	6.10	78	9563	1.121 ug/l	92
41) Methacrylonitrile	4.98	41	2159m	1.224 ug/l	
42) 1,2-Dichloroethane	6.17	62	4899	1.439 ug/l	90
43) Isopropyl Acetate	6.40	43	5500	1.050 ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.18	130	2953	1.193	ug/l	93
45) 1,2-Dichloropropane	7.49	63	2601	1.116	ug/l	93
46) Dibromomethane	7.63	93	1777	1.101	ug/l	87
47) Bromodichloromethane	7.88	83	4075	1.236	ug/l #	96
48) Methyl methacrylate	7.74	41	2717	1.058	ug/l	95
49) 1,4-Dioxane	7.71	88	846	20.394	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	12600	4.021	ug/l	94
52) Toluene	8.77	92	5406	0.999	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	3757	1.011	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	3890	1.024	ug/l #	82
55) 1,1,2-Trichloroethane	9.20	97	2540	1.133	ug/l #	90
56) Ethyl methacrylate	9.16	69	2464	0.750	ug/l #	75
57) 1,3-Dichloropropane	9.35	76	3803	1.010	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.29	63	7444	4.240	ug/l	94
59) 2-Hexanone	9.47	43	9222	3.870	ug/l	98
60) Dibromochloromethane	9.56	129	3039	1.128	ug/l	93
61) 1,2-Dibromoethane	9.66	107	2605	1.090	ug/l	100
64) Tetrachloroethene	9.31	164	2782	1.223	ug/l	86
65) Chlorobenzene	10.12	112	6607	1.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	2597	1.076	ug/l #	68
67) Ethyl Benzene	10.23	91	10161	0.975	ug/l	91
68) m/p-Xylenes	10.34	106	7119	1.802	ug/l	96
69) o-Xylene	10.69	106	3232	0.867	ug/l	94
70) Styrene	10.70	104	5010	0.780	ug/l	97
71) Bromoform	10.84	173	2297	1.127	ug/l #	83
73) Isopropylbenzene	11.00	105	7879	0.830	ug/l	98
74) N-amyl acetate	10.88	43	3010	0.717	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.26	83	3421	1.099	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	3739m	1.258	ug/l	
77) Bromobenzene	11.23	156	2573	0.983	ug/l	96
78) n-propylbenzene	11.34	91	9414	0.852	ug/l	96
79) 2-Chlorotoluene	11.40	91	6299	0.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	6326	0.778	ug/l	88
82) 4-Chlorotoluene	11.49	91	6919	0.866	ug/l	98
83) tert-Butylbenzene	11.76	119	7058	0.893	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	7028	0.861	ug/l	99
85) sec-Butylbenzene	11.93	105	7730	0.833	ug/l	93
86) p-Isopropyltoluene	12.05	119	6973	0.813	ug/l	86
87) 1,3-Dichlorobenzene	12.01	146	4989	1.060	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	5253m	1.105	ug/l	
89) n-Butylbenzene	12.37	91	6710	0.855	ug/l	97
90) Hexachloroethane	12.58	117	1700	1.011	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	4704	1.065	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.98	75	839	1.102	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	2709	0.889	ug/l	95
94) Hexachlorobutadiene	13.77	225	1357	1.060	ug/l	82
95) Naphthalene	13.82	128	6063	0.660	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.01	180	2687	0.921	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

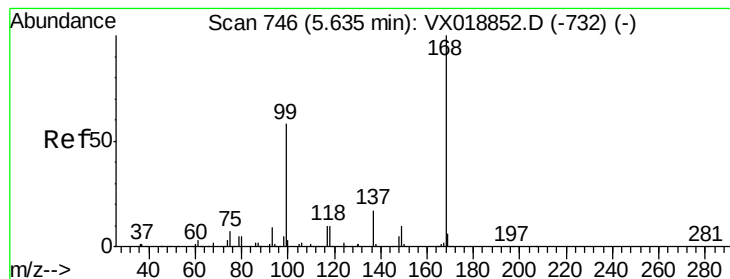
Manual Integrations
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10/12/2020 2:23:16 PM

Quant Time: Oct 10 05:59:37 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 199044

Ion Ratio Lower Upper

168 100

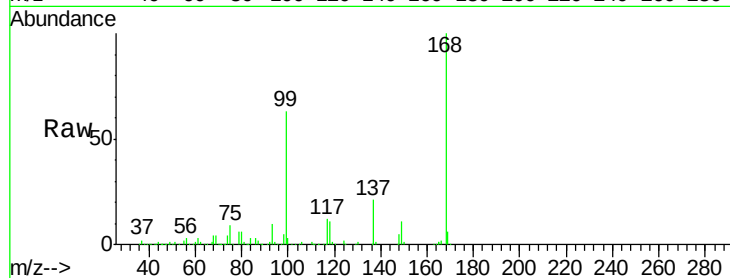
99 62.4 46.1 69.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

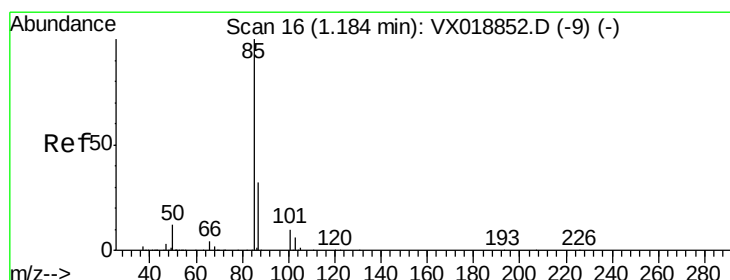
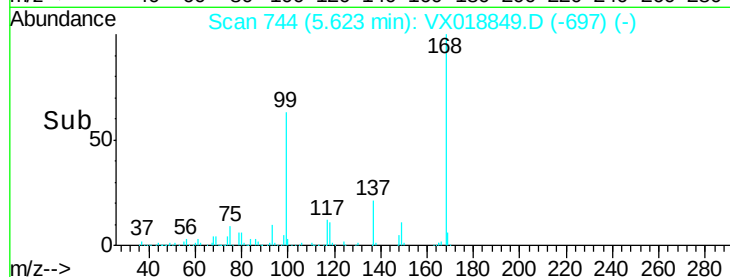
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.717 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018849.D

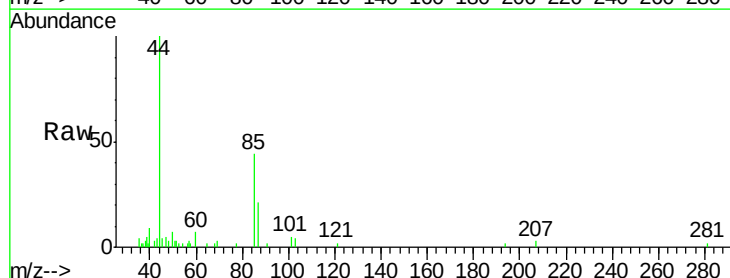
Acq: 09 Oct 2020 11:07

Tgt Ion: 85 Resp: 1400

Ion Ratio Lower Upper

85 100

87 47.2 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

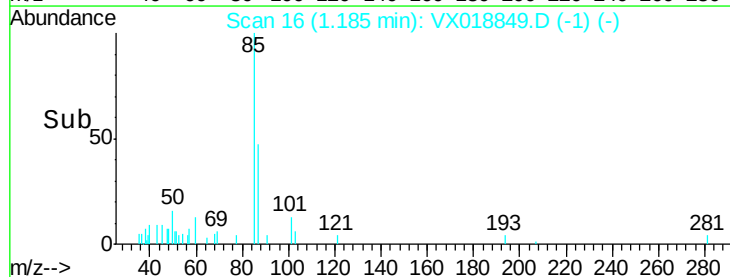
1500

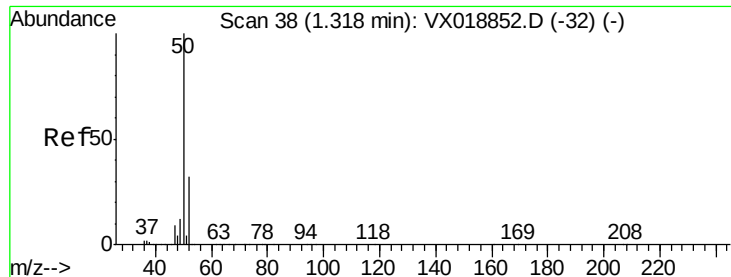
1000

500

0

Time-->





#3

Chloromethane

Concen: 1.005 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2173

Ion Ratio Lower Upper

50 100

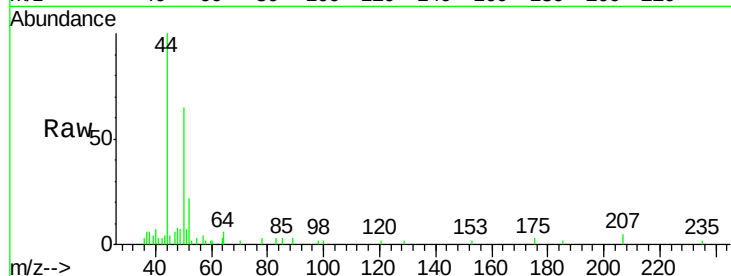
52 31.7 25.2 37.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2000

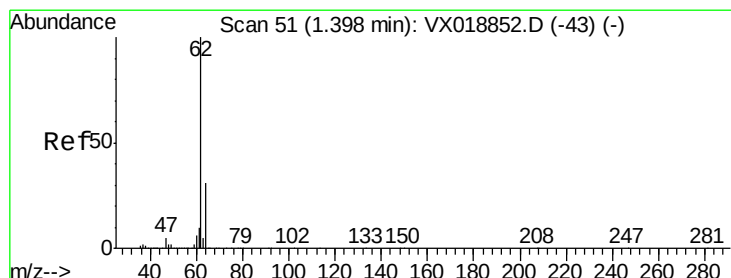
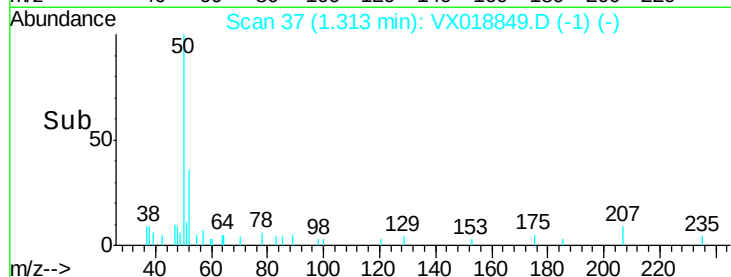
1500

1000

500

0

Time-->



#4

Vinyl Chloride

Concen: 0.983 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.00 min

Lab File: VX018849.D

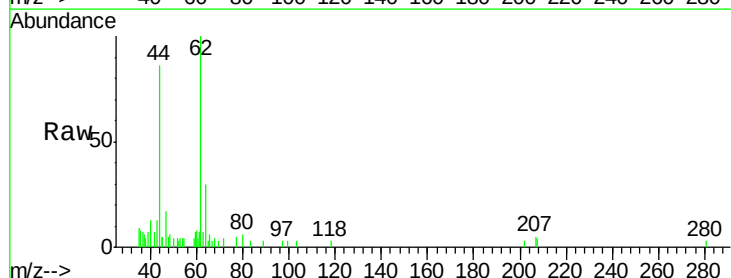
Acq: 09 Oct 2020 11:07

Tgt Ion: 62 Resp: 2258

Ion Ratio Lower Upper

62 100

64 29.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

2000

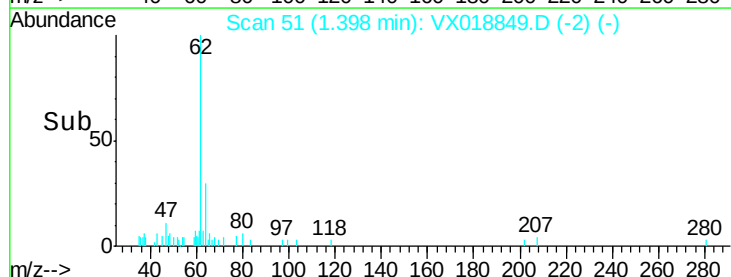
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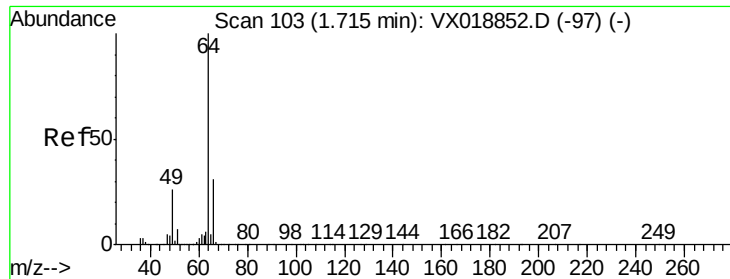
1000

500

0

Time-->





#6

Chloroethane

Concen: 1.279 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1705

Ion Ratio Lower Upper

64 100

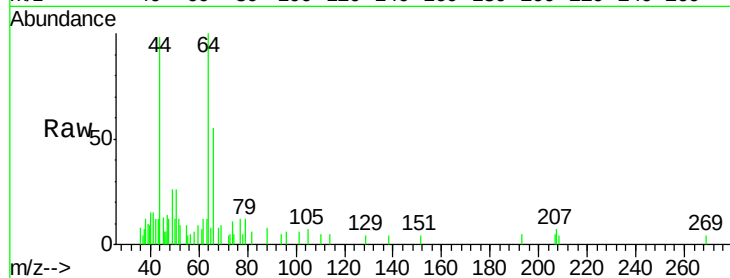
66 51.7 24.7 37.1#

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

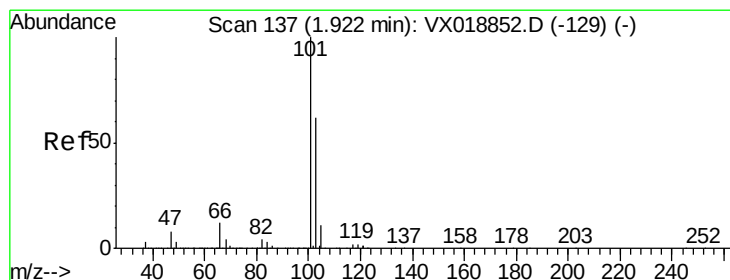
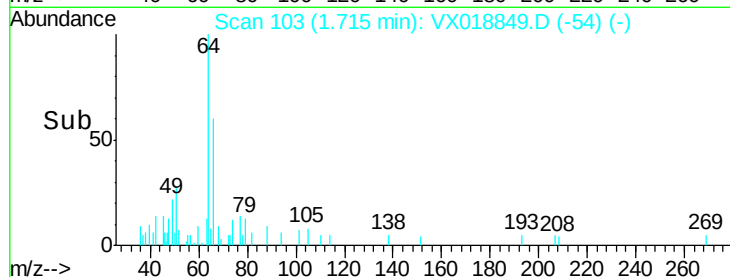
1.72

1000

500

0

Time-->



#7

Trichlorofluoromethane

Concen: 1.243 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX018849.D

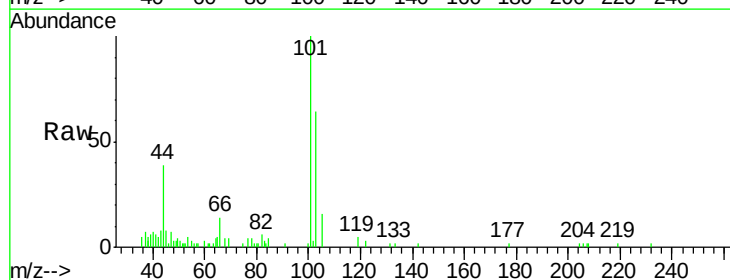
Acq: 09 Oct 2020 11:07

Tgt Ion: 101 Resp: 4529

Ion Ratio Lower Upper

101 100

103 63.6 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.92

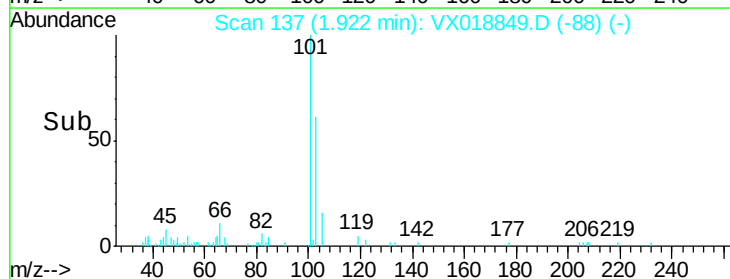
3000

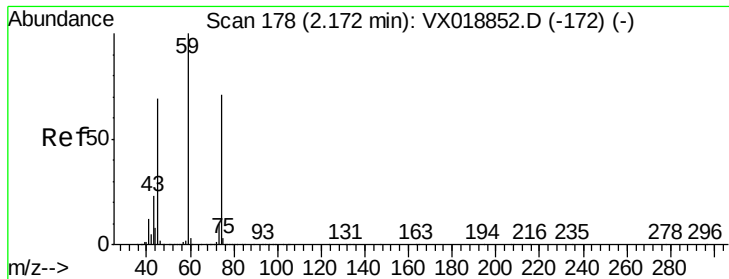
2000

1000

0

Time-->





#8

Diethyl Ether

Concen: 1.304 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1615

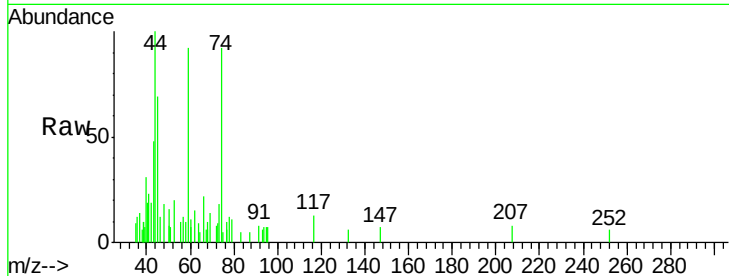
Ion Ratio Lower Upper

74 100

45 97.6 47.0 141.2

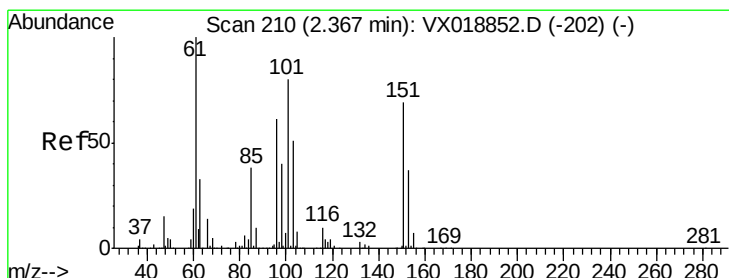
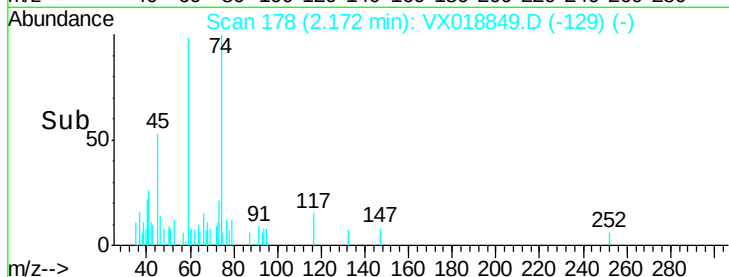
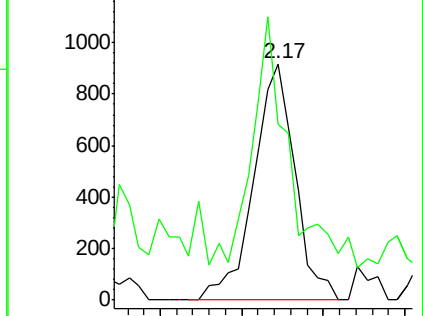
Manual Integrations
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.112 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

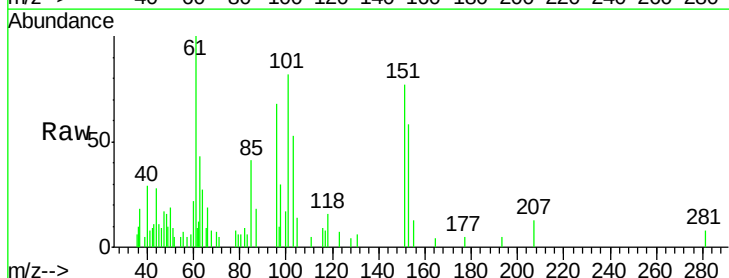
Tgt Ion: 101 Resp: 2126

Ion Ratio Lower Upper

101 100

85 50.8 36.6 55.0

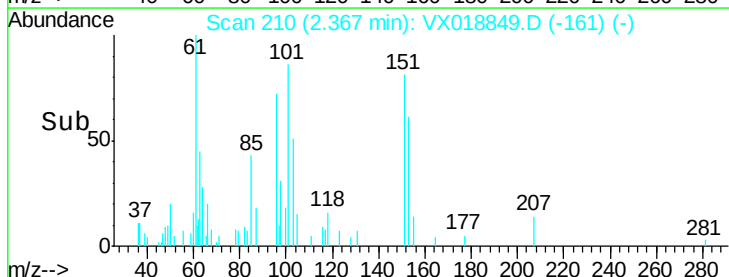
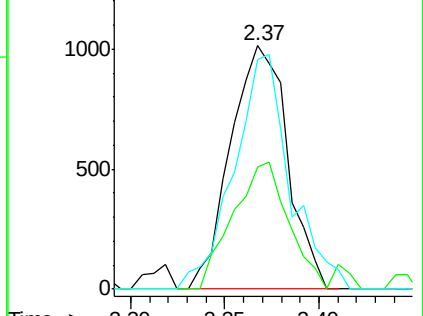
151 94.9 67.2 100.8

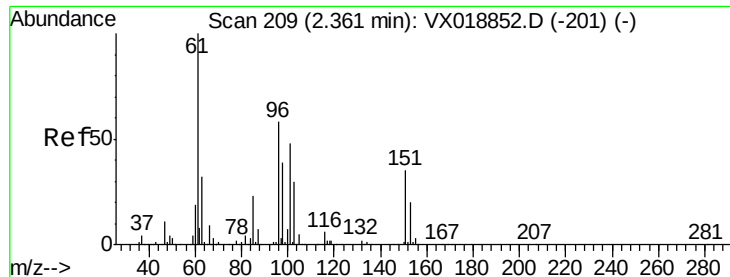


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.387 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

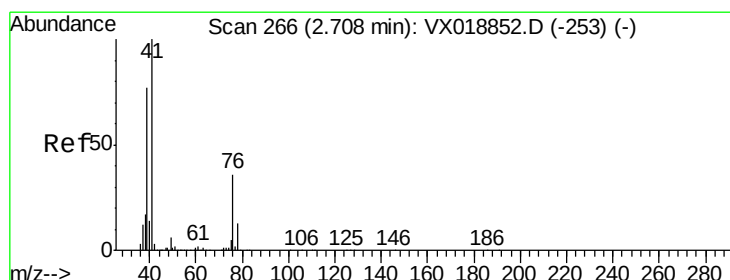
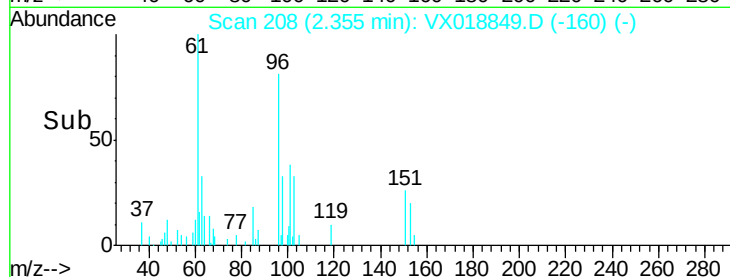
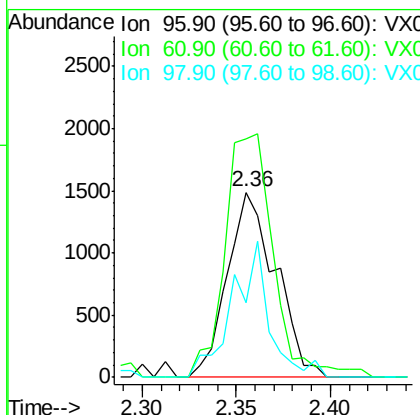
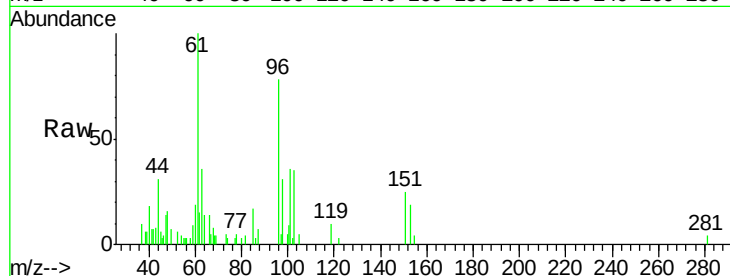
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2650
Ion	Ratio	Lower	Upper
96	100		
61	129.0	137.0	205.6#
98	40.5	53.9	80.9#

Manual Integrations
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10/12/2020 2:23:16 PM



#14

Allyl chloride

Concen: 0.994 ug/l

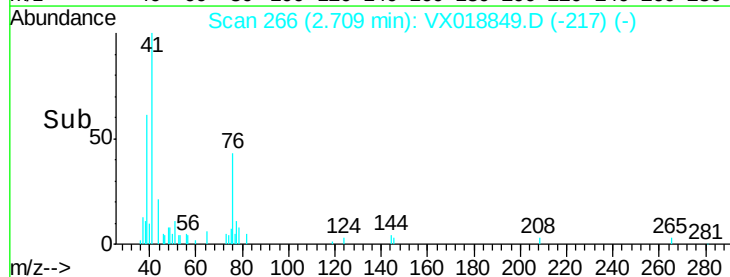
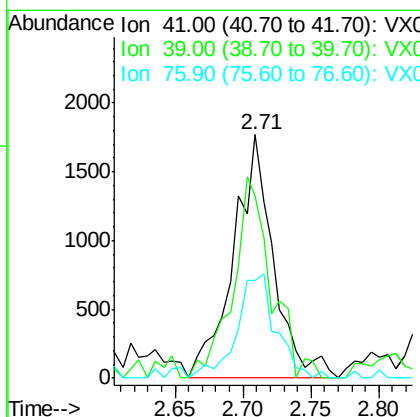
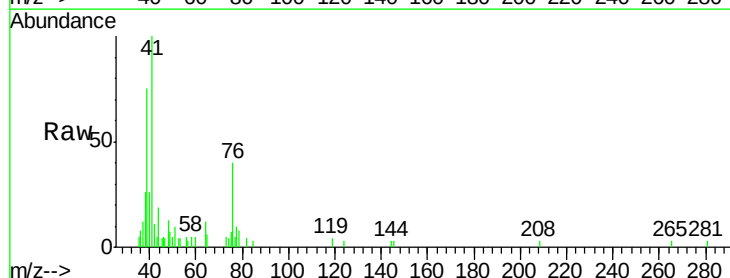
RT: 2.71 min Scan# 266

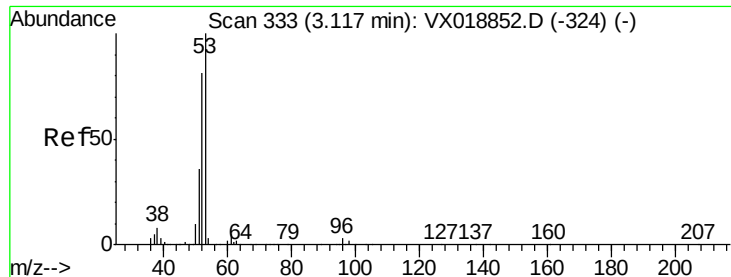
Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion:	41	Resp:	3639
Ion	Ratio	Lower	Upper
41	100		
39	78.8	57.8	86.8
76	41.7	26.8	40.2#





#15

Acrylonitrile

Concen: 4.589 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

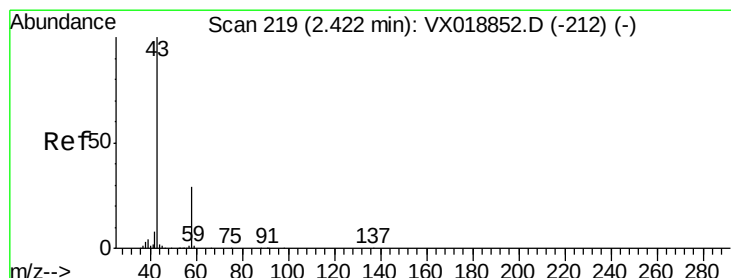
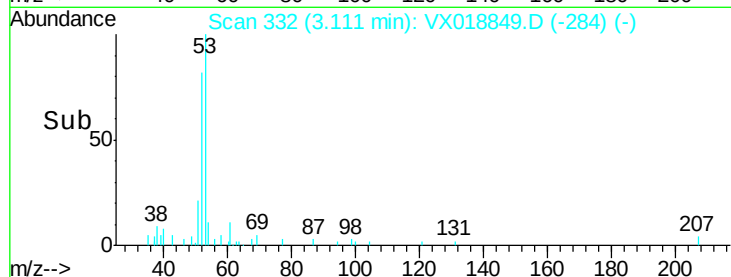
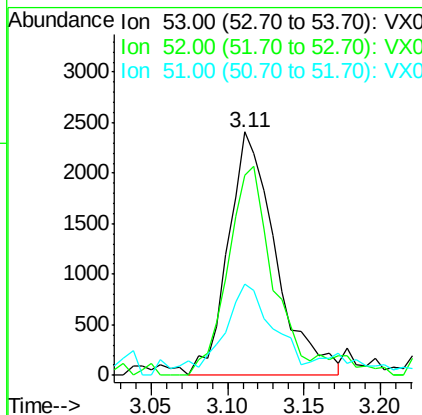
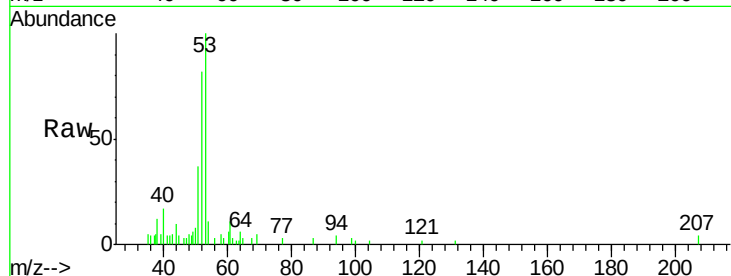
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	5193
Ion	Ratio	Lower	Upper
53	100		
52	79.8	66.7	100.1
51	42.0	30.3	45.5

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#16

Acetone

Concen: 8.367 ug/l

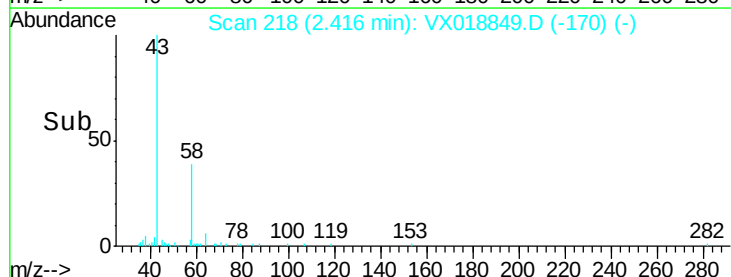
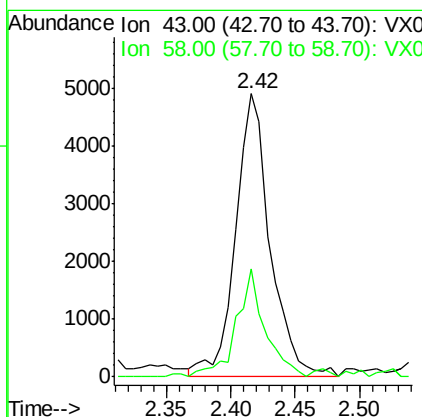
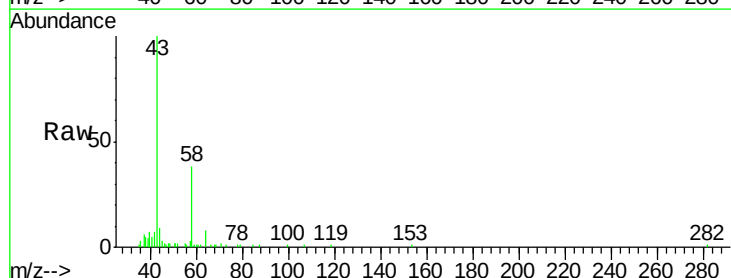
RT: 2.42 min Scan# 218

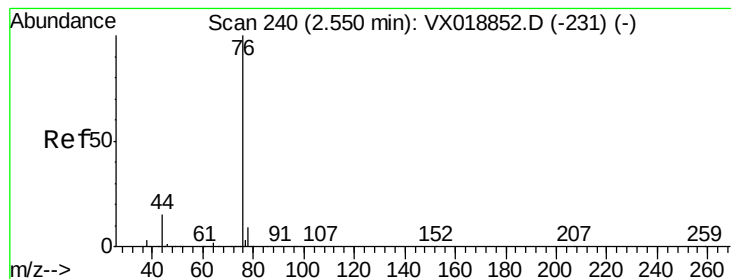
Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion:	43	Resp:	9145
Ion	Ratio	Lower	Upper
43	100		
58	38.1	23.0	34.4#





#17

Carbon Disulfide

Concen: 1.039 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 5913

Ion Ratio Lower Upper

76 100

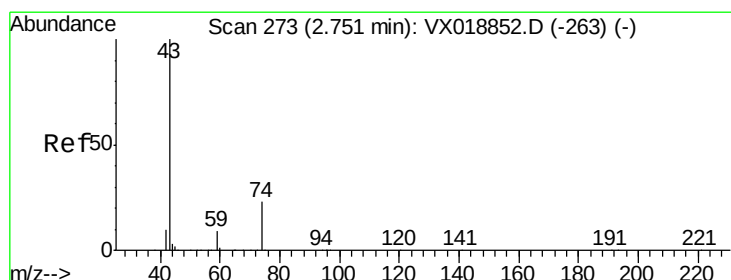
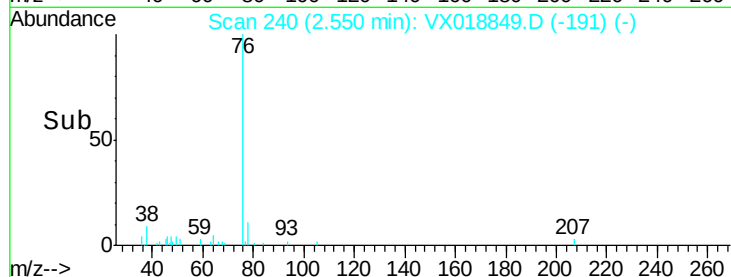
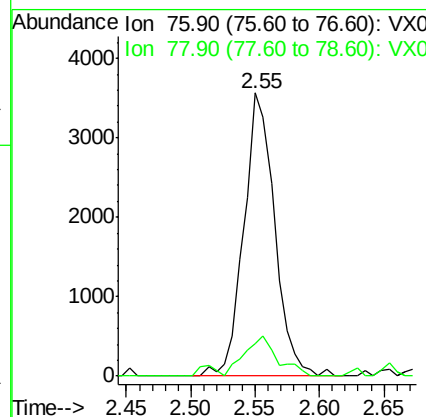
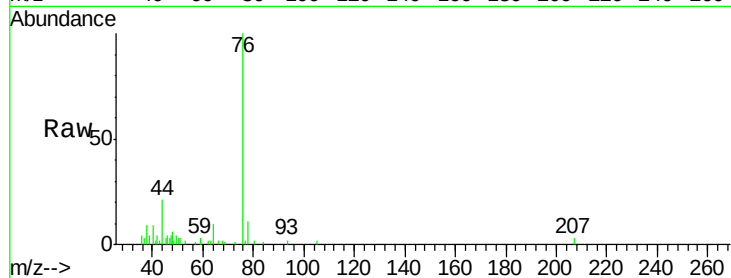
78 11.4 7.3 10.9#

Manual Integrations

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MMDadoda

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#18

Methyl Acetate

Concen: 1.127 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018849.D

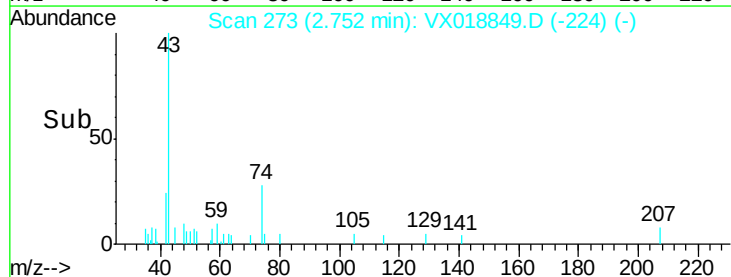
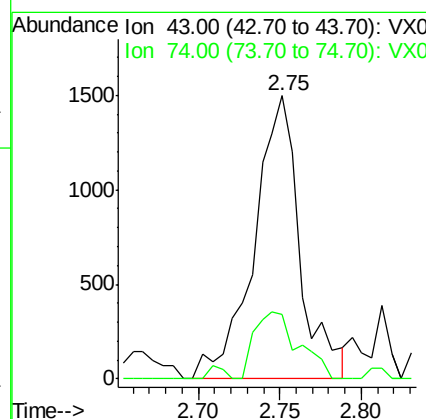
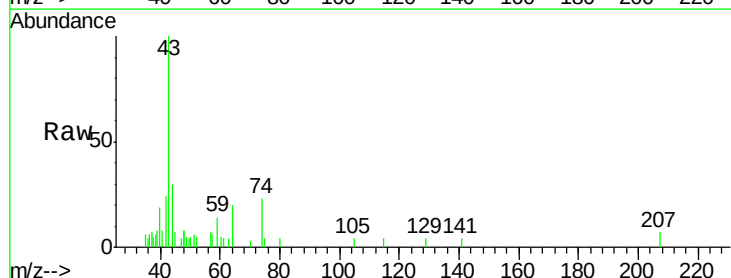
Acq: 09 Oct 2020 11:07

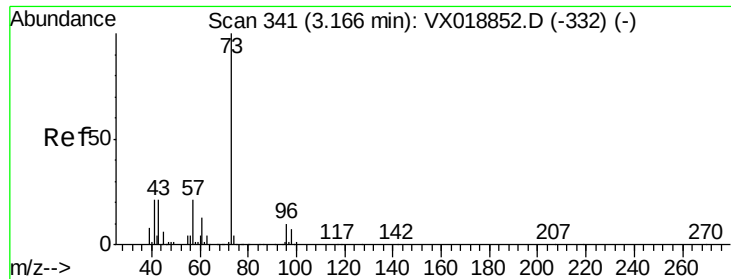
Tgt Ion: 43 Resp: 2935

Ion Ratio Lower Upper

43 100

74 22.8 18.9 28.3





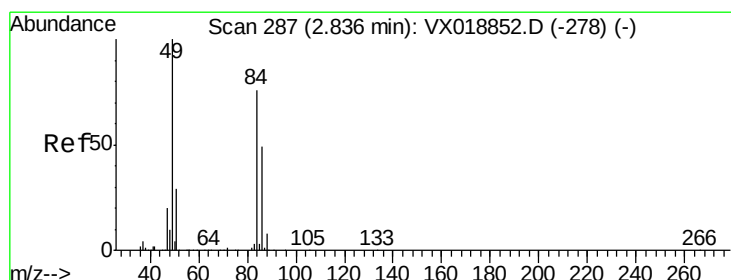
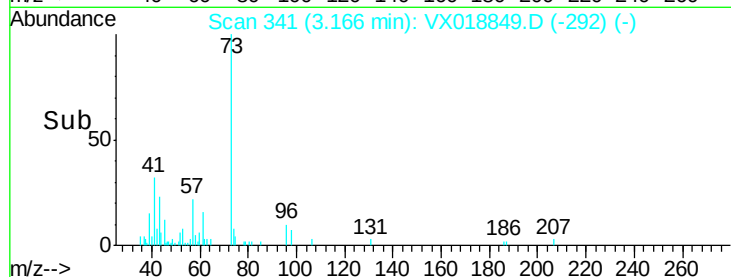
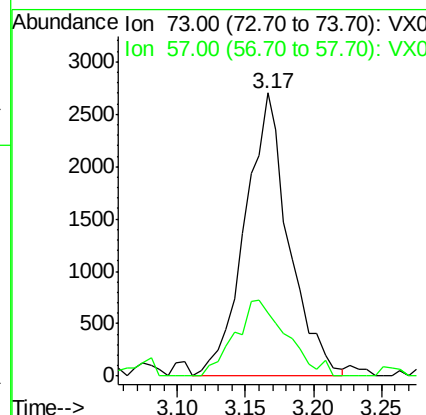
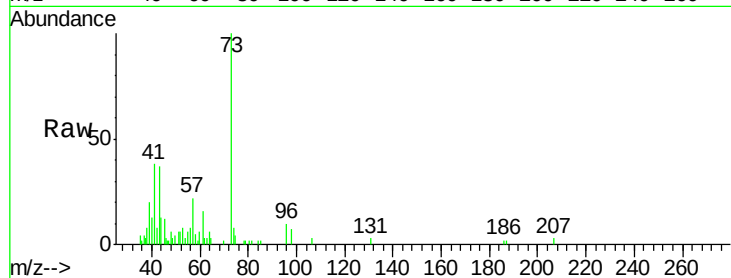
#19
Methyl tert-butyl Ether
Concen: 0.915 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	73	Resp	6093
Ion Ratio	100	Lower	Upper
73	100		
57	22.1	16.7	25.1

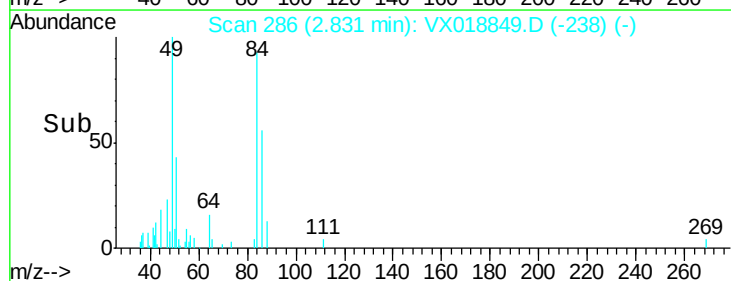
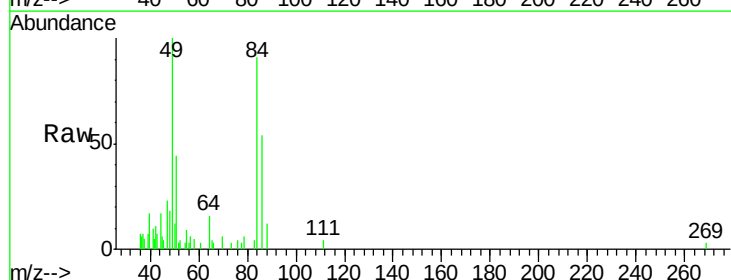
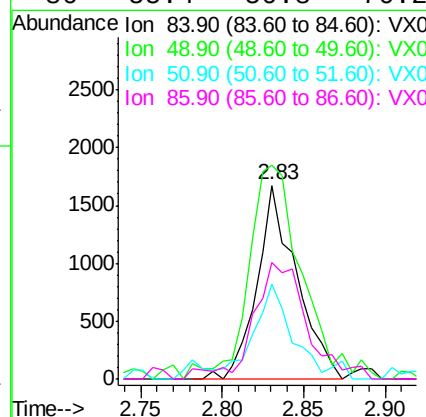
Manual Integrations
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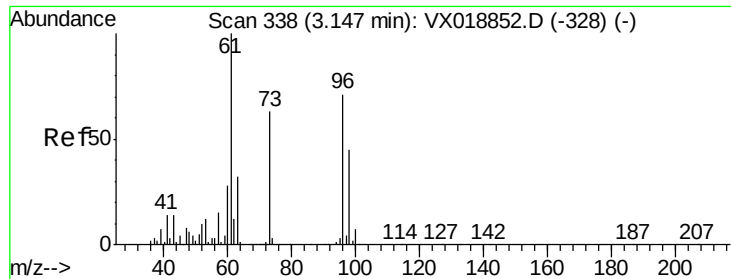
MMDadoda
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#20
Methylene Chloride
Concen: 1.203 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion	84	Resp	2828
Ion Ratio	100	Lower	Upper
84	100		
49	102.3	104.8	157.2#
51	39.5	30.6	46.0
86	55.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 1.090 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

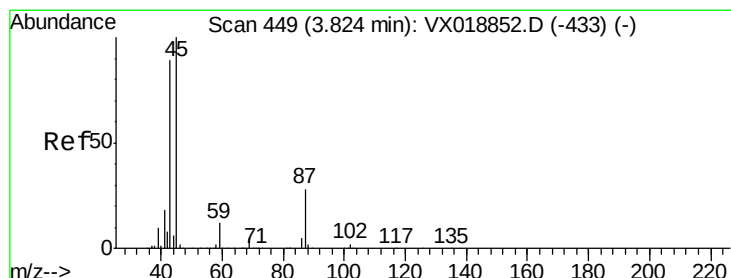
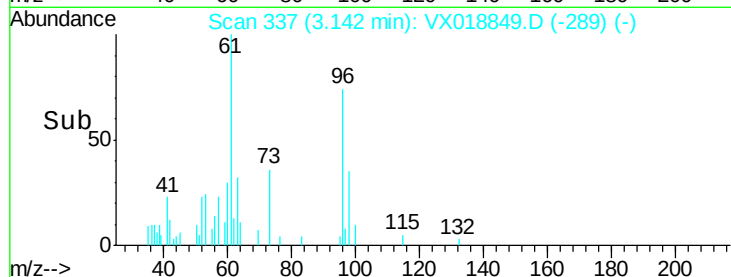
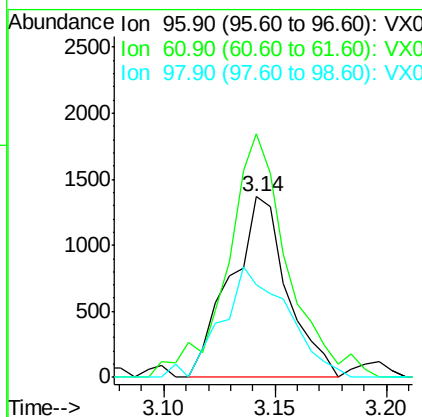
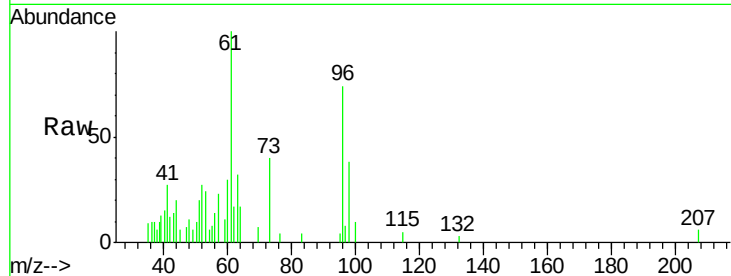
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2426
Ion	Ratio	Lower	Upper
96	100		
61	127.5	112.0	168.0
98	46.5	50.2	75.2#

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.908 ug/l

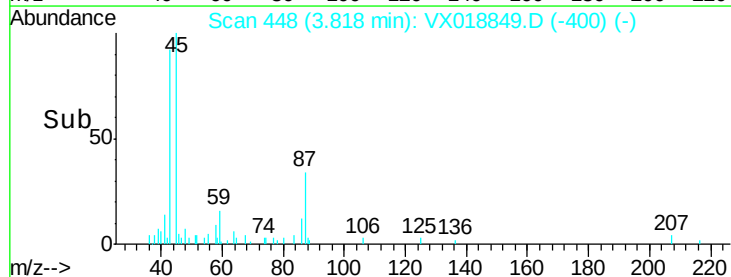
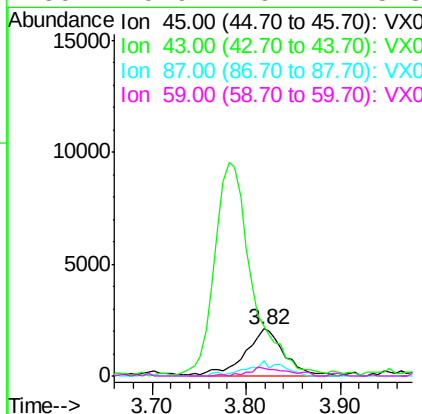
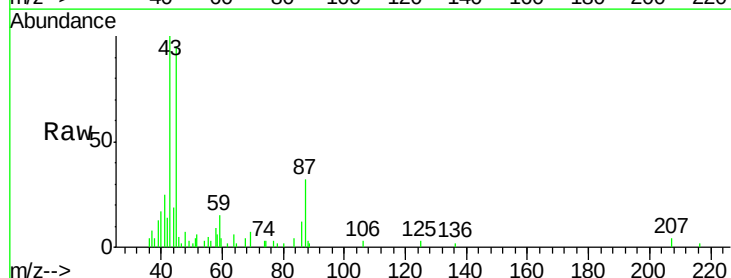
RT: 3.82 min Scan# 448

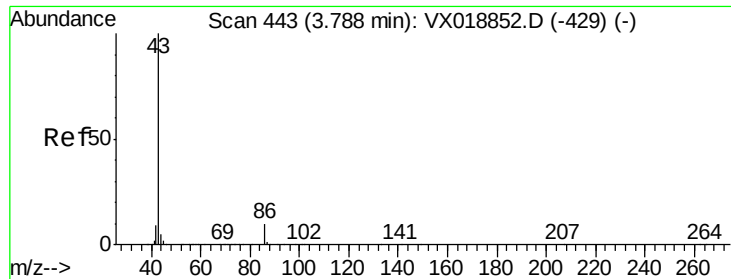
Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion:	45	Resp:	6198
Ion	Ratio	Lower	Upper
45	100		
43	95.5	71.2	106.8
87	33.8	22.5	33.7#
59	19.9	9.2	13.8#





#23

Vinyl Acetate

Concen: 4.219 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 25929

Ion Ratio Lower Upper

43 100

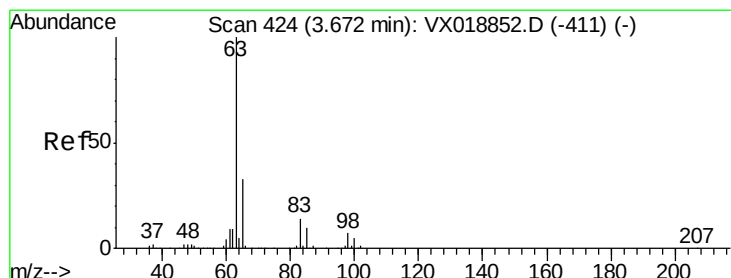
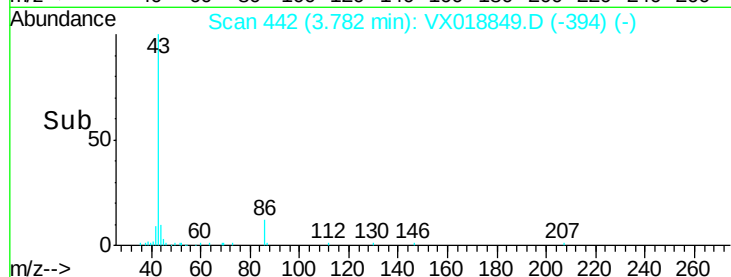
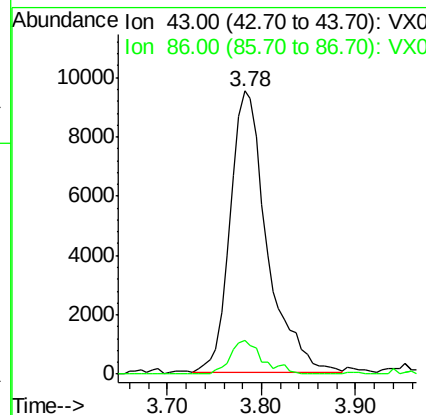
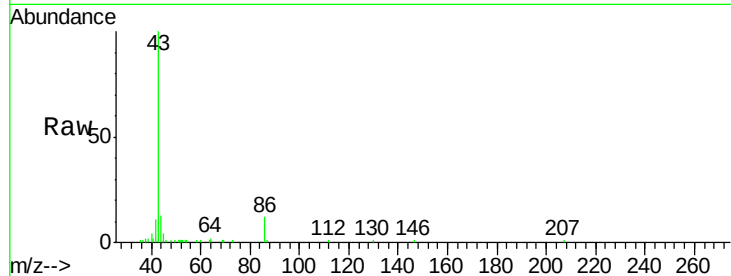
86 12.1 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 1.209 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

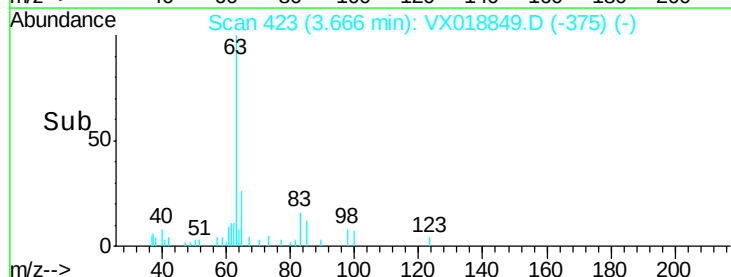
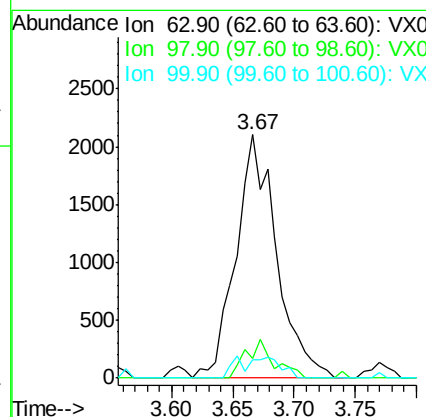
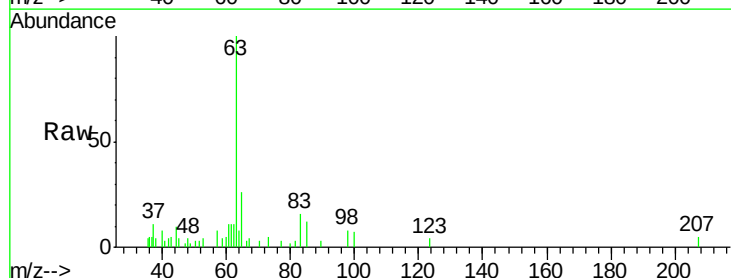
Tgt Ion: 63 Resp: 4856

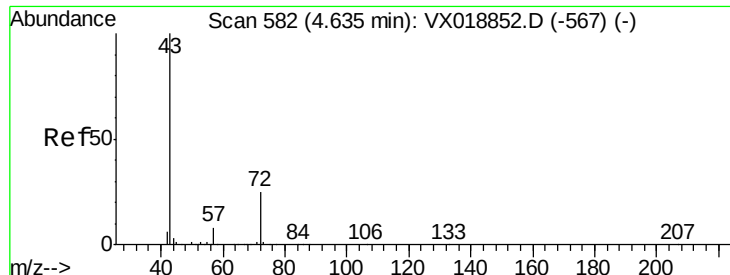
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

100 7.4 2.5 7.6





#25

2-Butanone

Concen: 5.059 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 8394

Ion Ratio Lower Upper

43 100

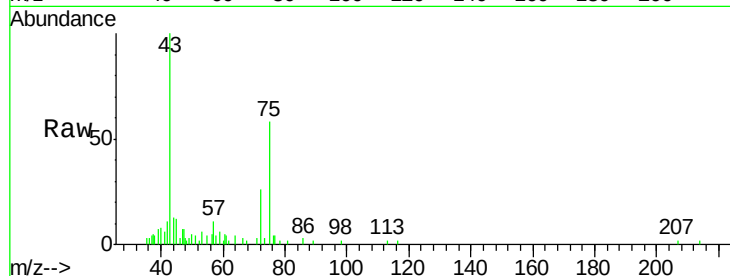
72 26.8 20.2 30.4

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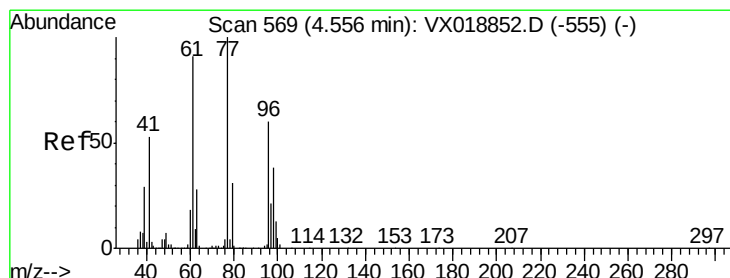
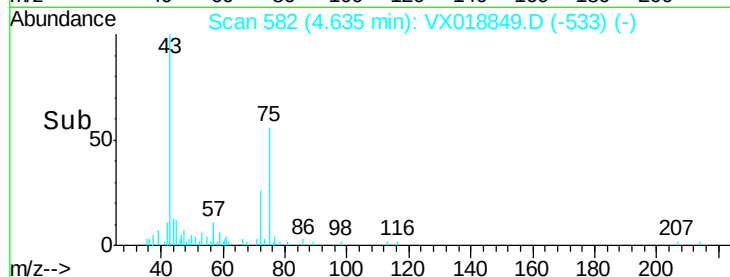
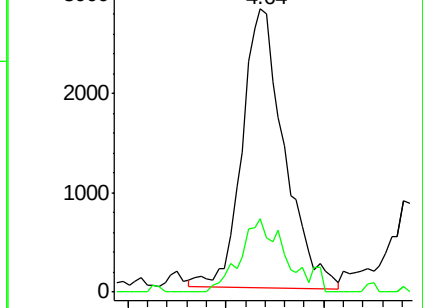
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.196 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018849.D

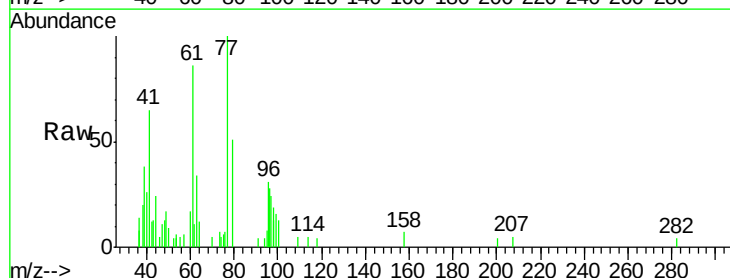
Acq: 09 Oct 2020 11:07

Tgt Ion: 77 Resp: 4495

Ion Ratio Lower Upper

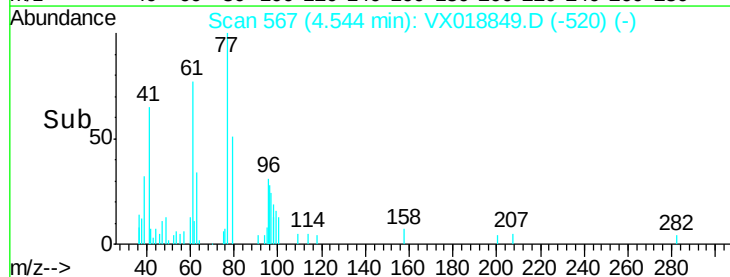
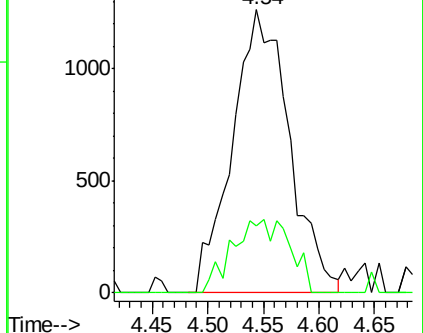
77 100

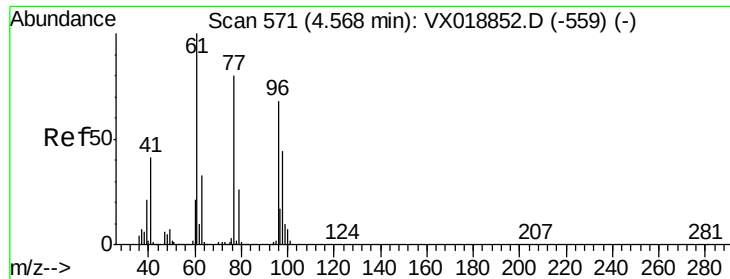
97 17.3 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

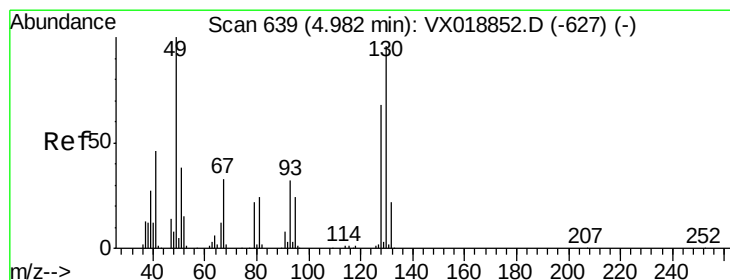
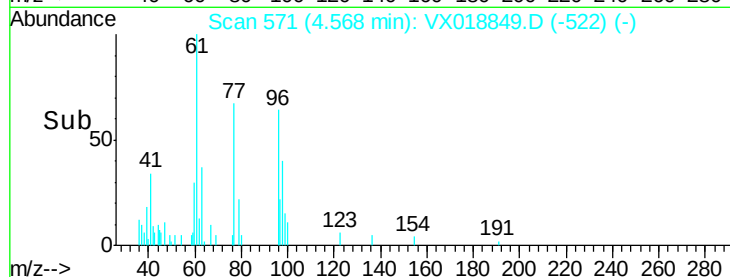
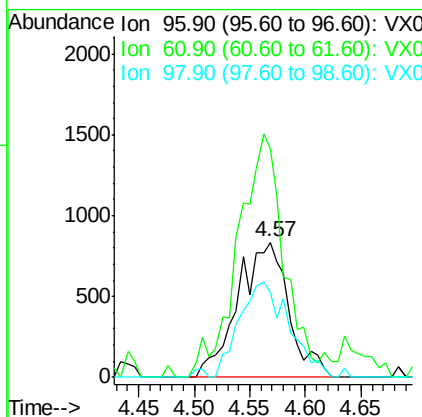
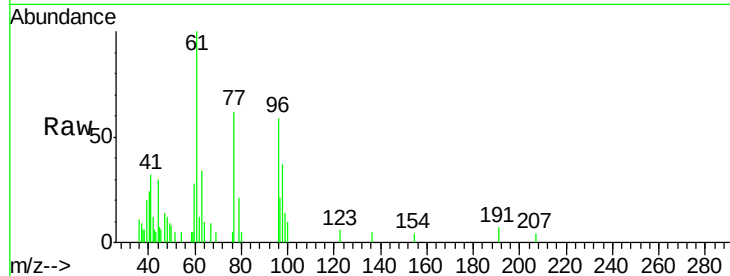
cis-1,2-Dichloroethene
Concen: 1.067 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.6	0.0	306.8
98	68.9	0.0	130.2

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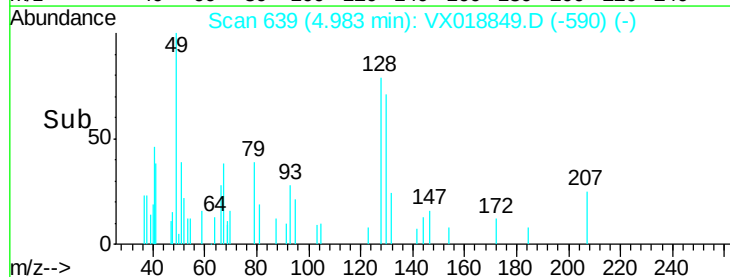
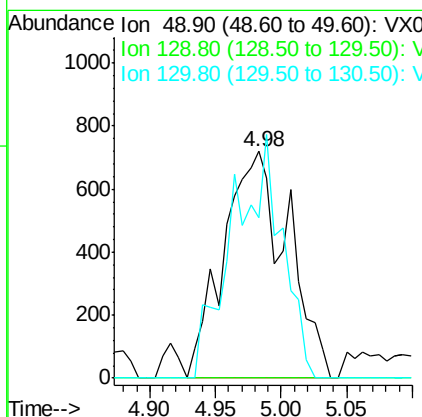
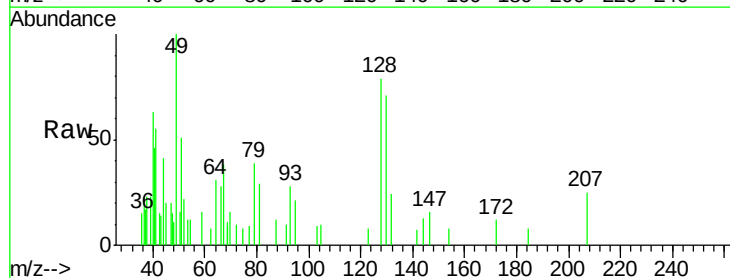
MMDadoda
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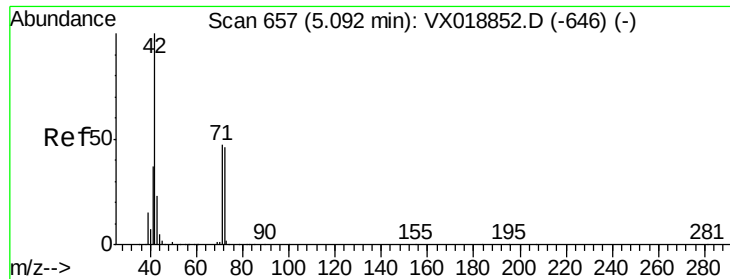


#28

Bromochloromethane
Concen: 1.319 ug/l m
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	32.5	71.2	106.8#





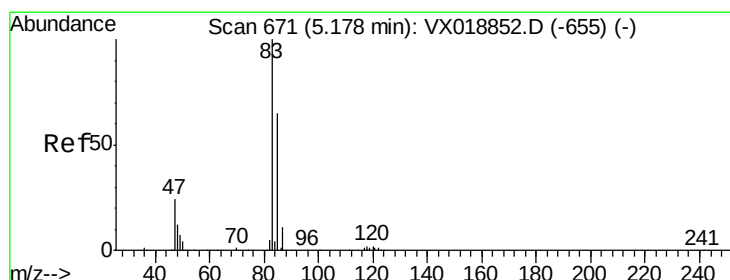
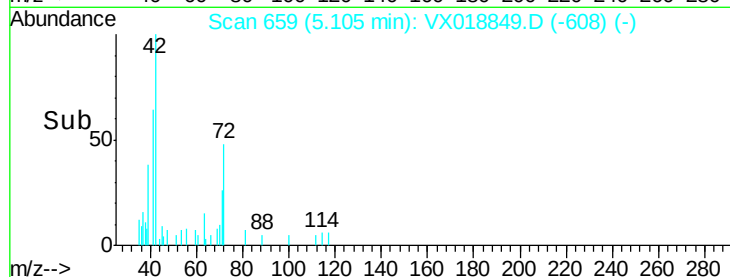
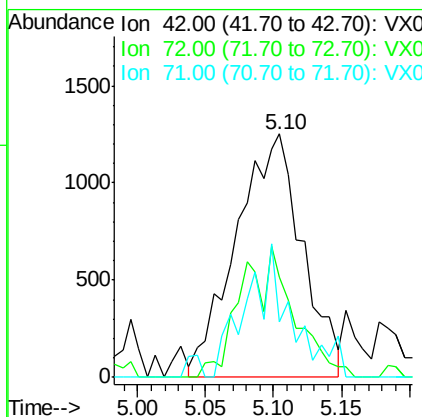
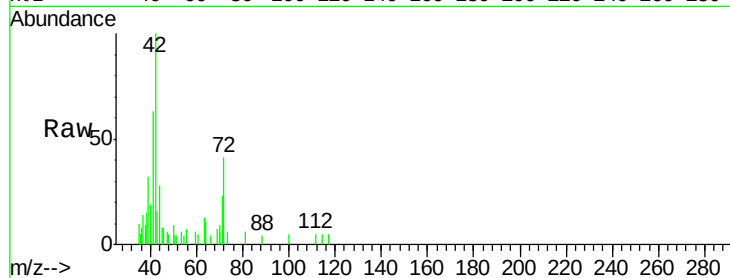
#29
Tetrahydrofuran
Concen: 4.164 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	22.6	36.4	54.6#
71	0.0	35.2	52.8#

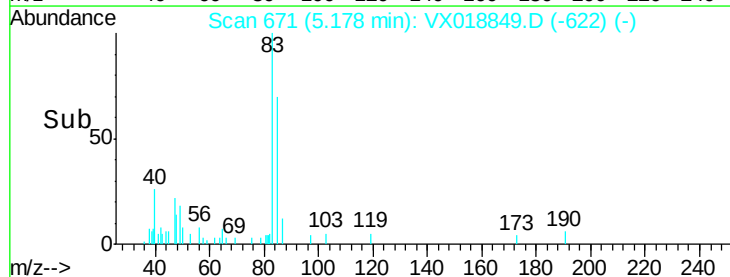
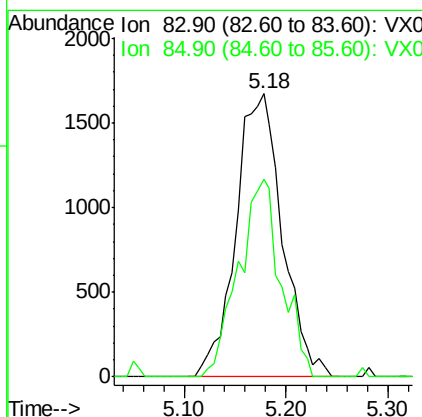
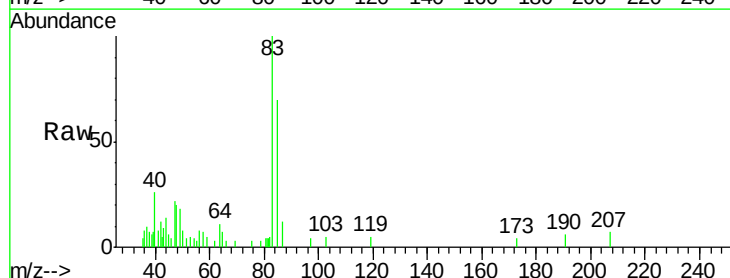
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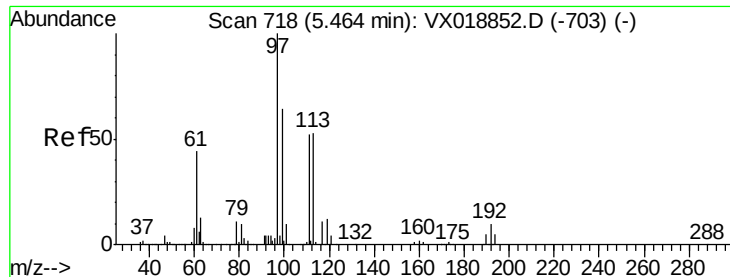
MMDadoda
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#30
Chloroform
Concen: 1.277 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.0	51.8	77.8





#32

1,1,1-Trichloroethane

Concen: 1.253 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

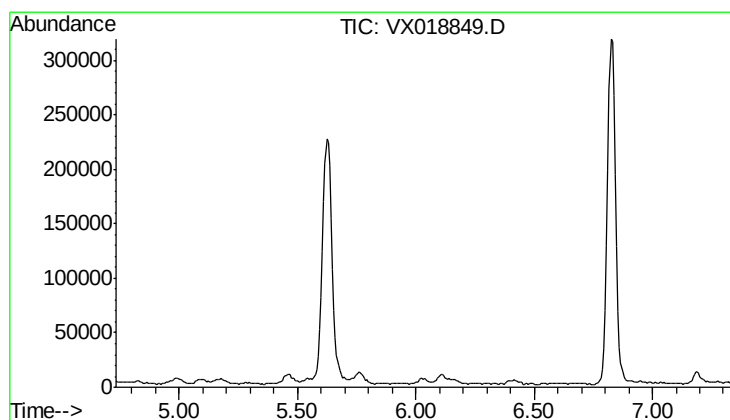
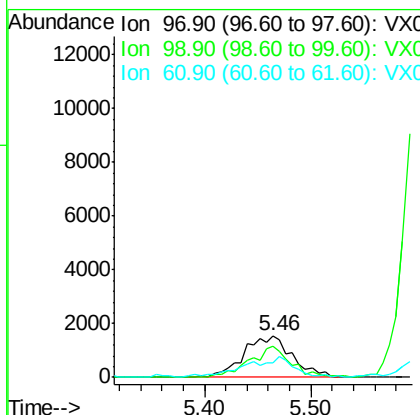
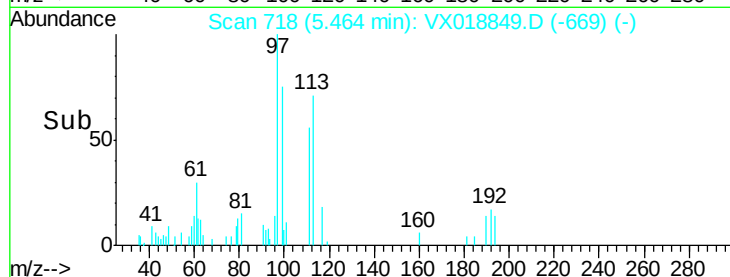
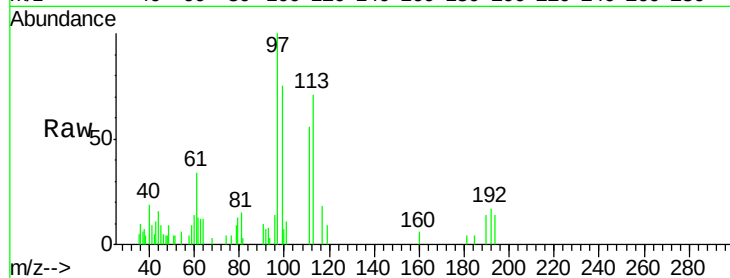
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	4865
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.1	78.1#
61	23.1	35.3	52.9#

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX018849.D

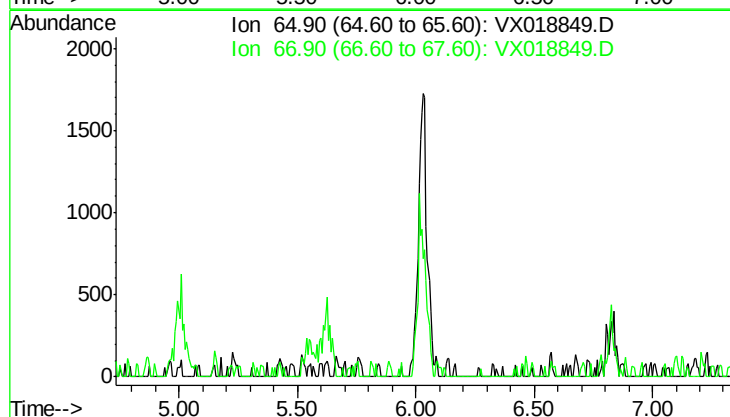
Acq: 09 Oct 2020 11:07

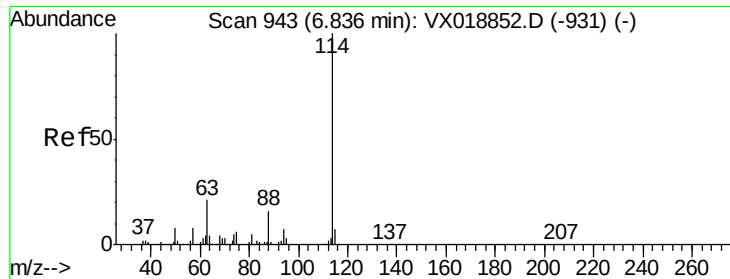
Tgt Ion: 65

Sig Exp Ratio

65 100

67 48.5





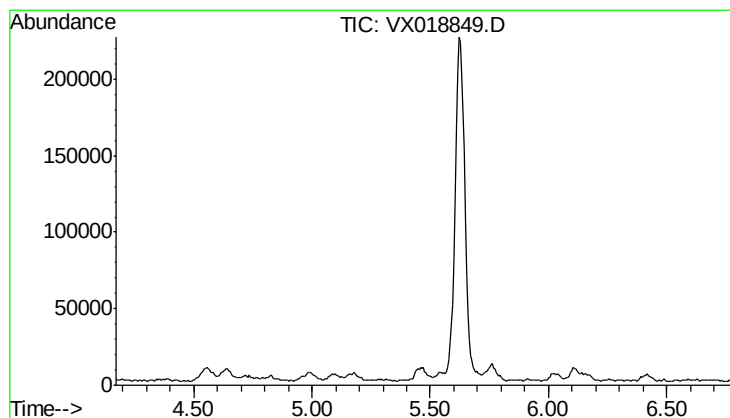
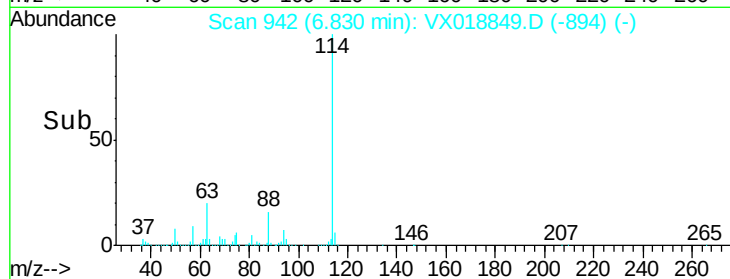
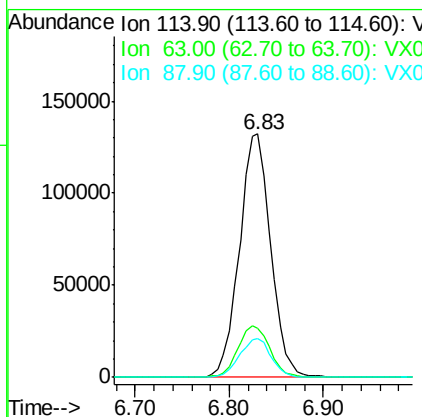
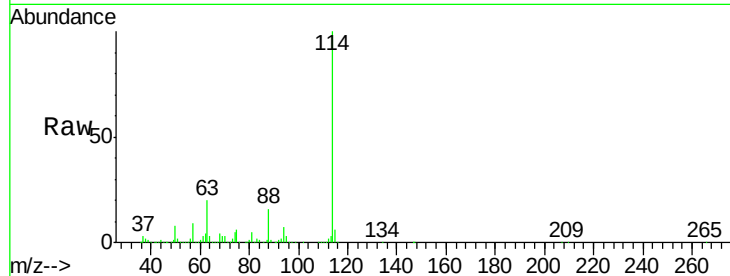
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.4	0.0	42.4
88	15.7	0.0	32.6

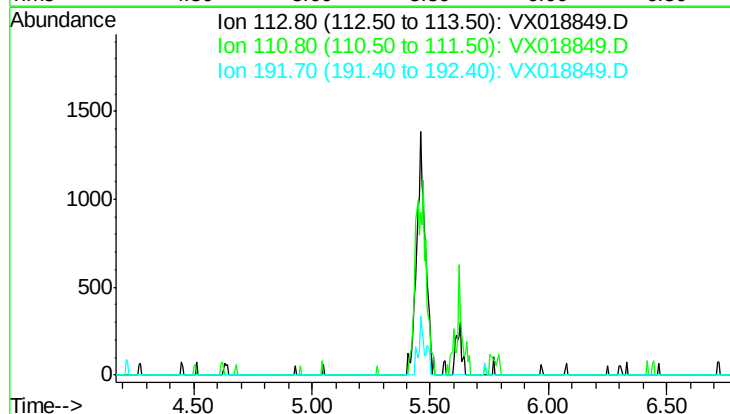
Manual Integrations
 APPROVED

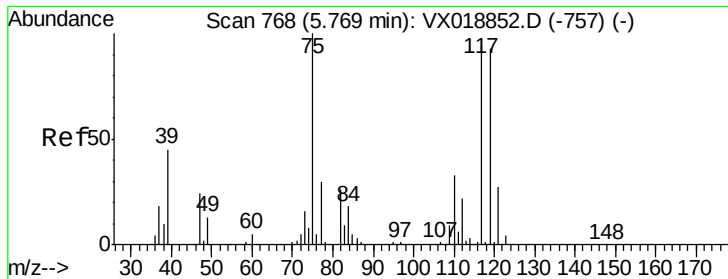
MMDadoda
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.47 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion	Exp Ratio
113	100
111	100.1
192	20.0





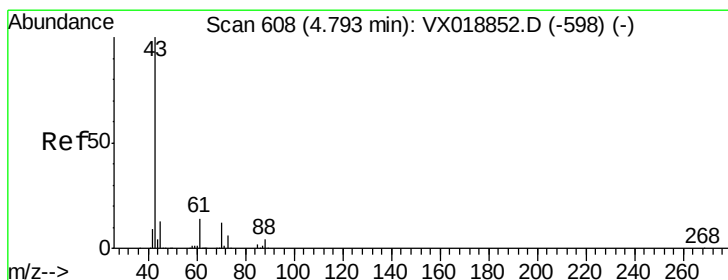
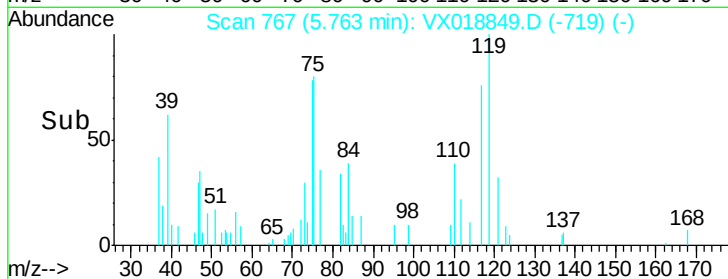
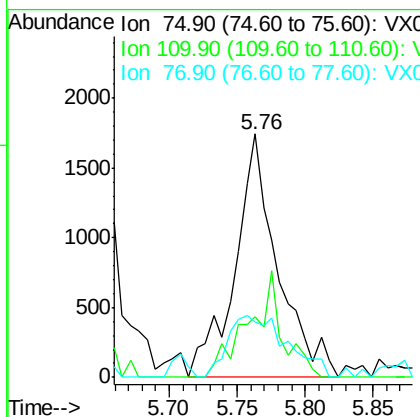
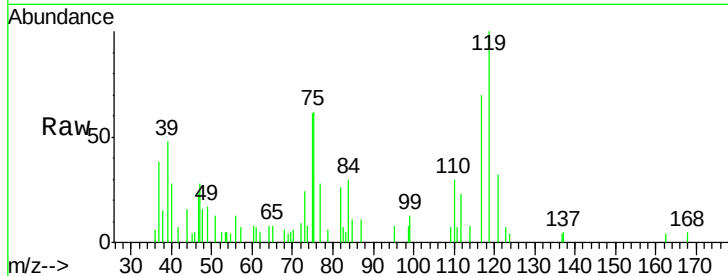
#36
 1,1-Dichloropropene
 Concen: 1.279 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.8	53.5
77	35.2	24.2	36.4

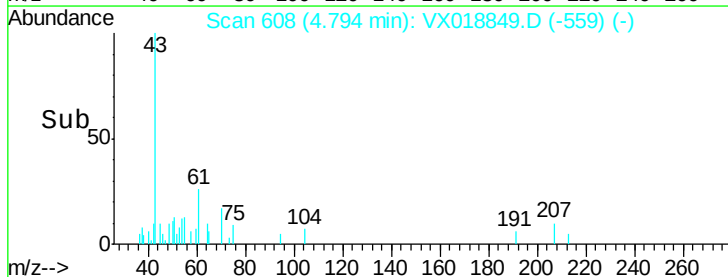
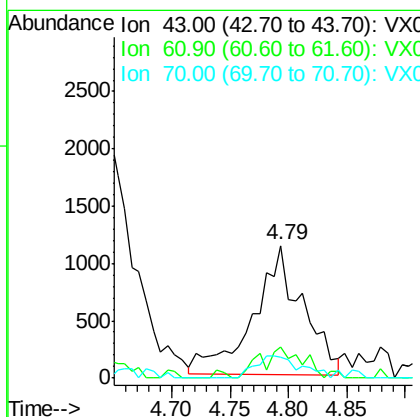
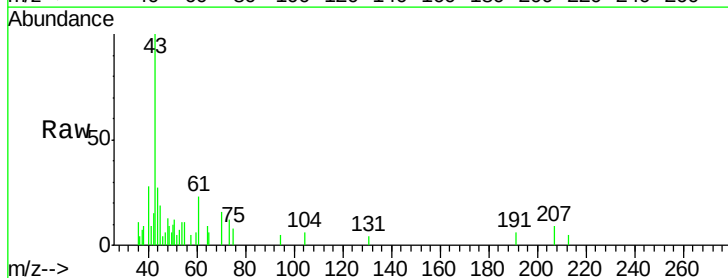
Manual Integrations
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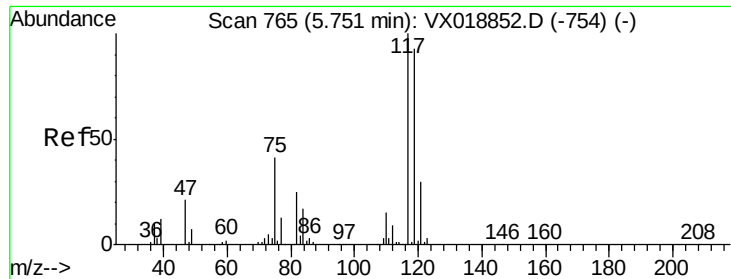
MMDadoda
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#37
 Ethyl Acetate
 Concen: 1.044 ug/l
 RT: 4.79 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	15.9	8.6	13.0#





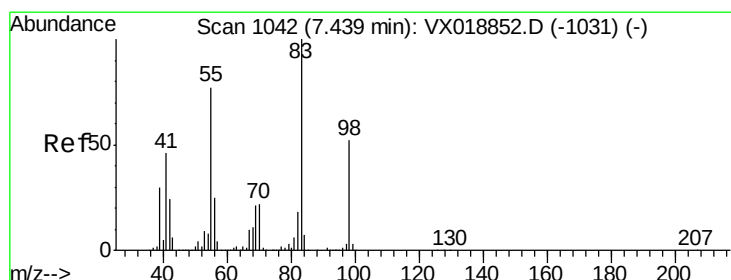
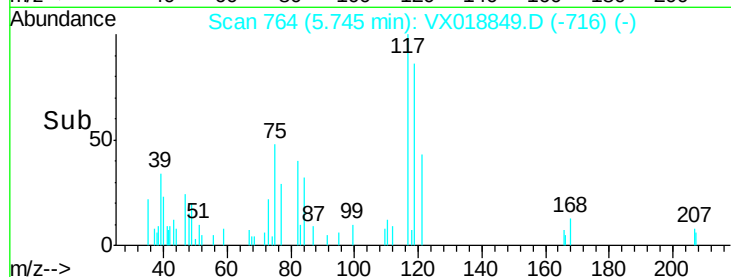
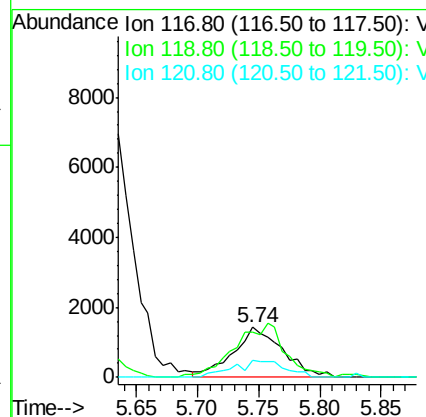
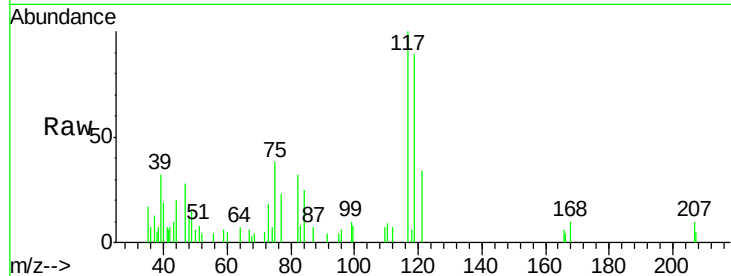
#38
Carbon Tetrachloride
Concen: 1.184 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	84.5	73.9	110.9
121	34.4	23.6	35.4

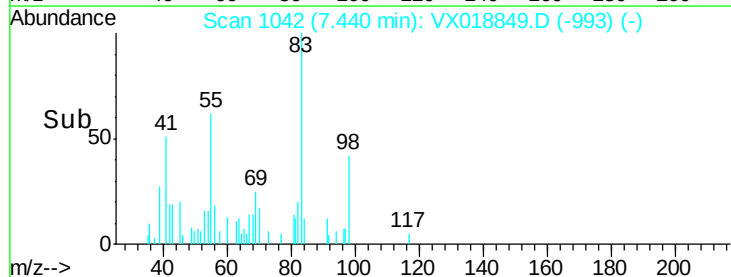
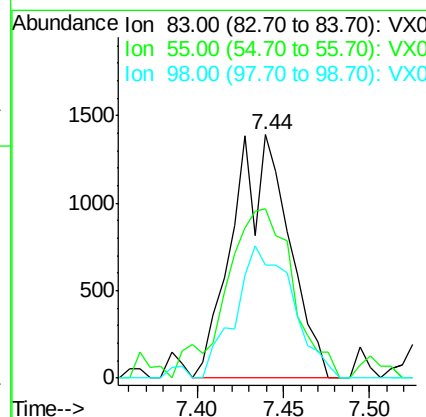
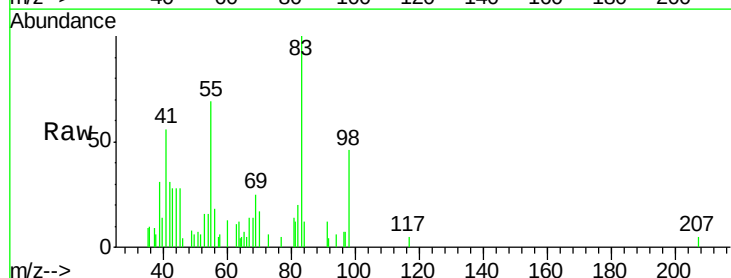
Manual Integrations
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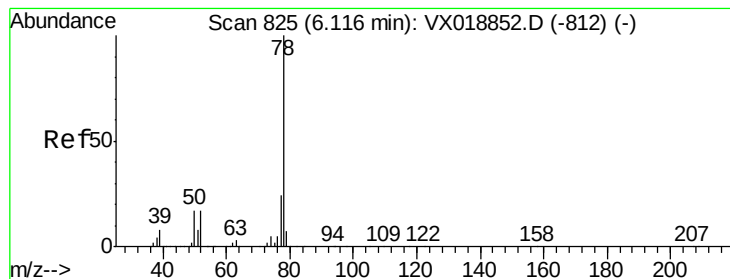
MMDadoda
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#39
Methylcyclohexane
Concen: 0.961 ug/l m
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.5	61.8	92.6
98	46.4	41.4	62.0





#40

Benzene

Concen: 1.121 ug/l

RT: 6.10 min Scan# 823

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 9563

Ion Ratio Lower Upper

78 100

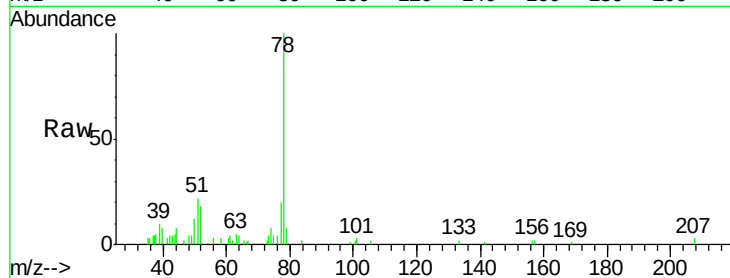
77 20.1 19.1 28.7

Manual Integrations

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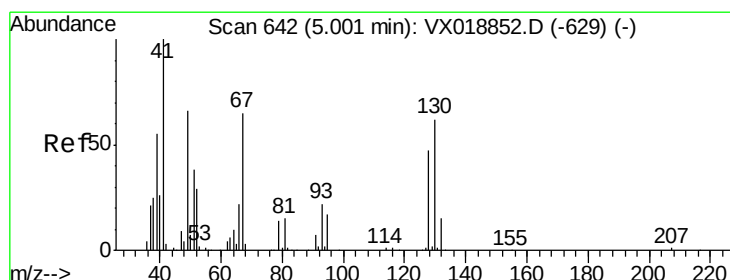
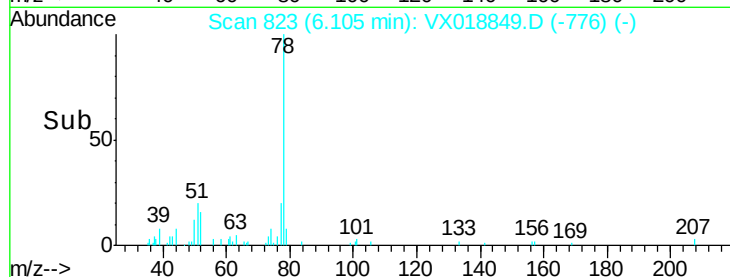
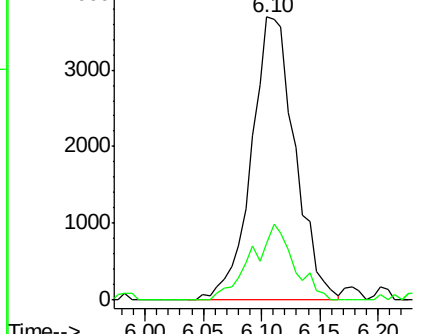
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.224 ug/l m

RT: 4.98 min Scan# 639

Delta R.T. -0.02 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion: 41 Resp: 2159

Ion Ratio Lower Upper

41 100

39 50.9 45.4 68.2

67 0.0 55.4 83.2#

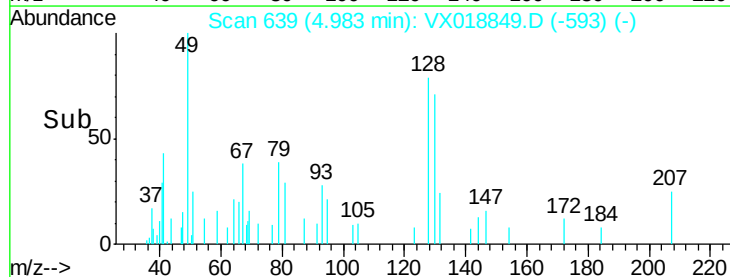
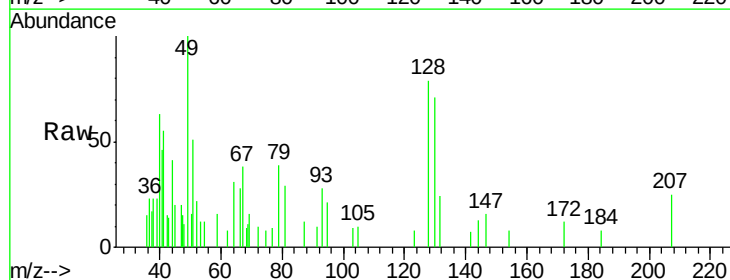
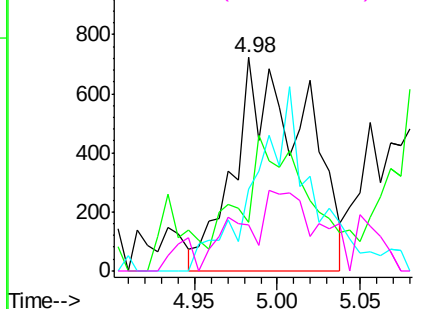
52 27.4 23.8 35.8

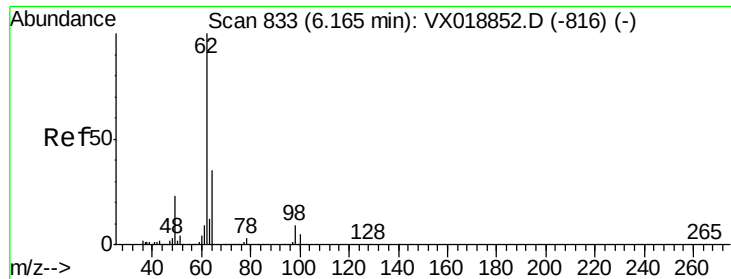
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 1.439 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

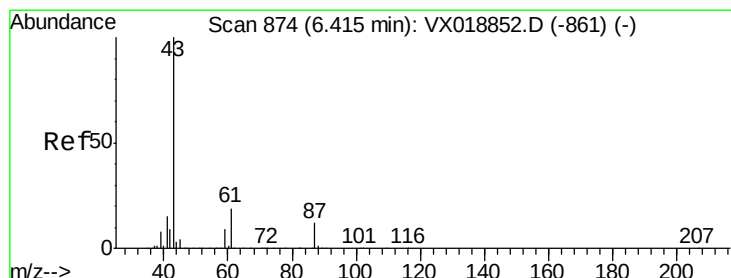
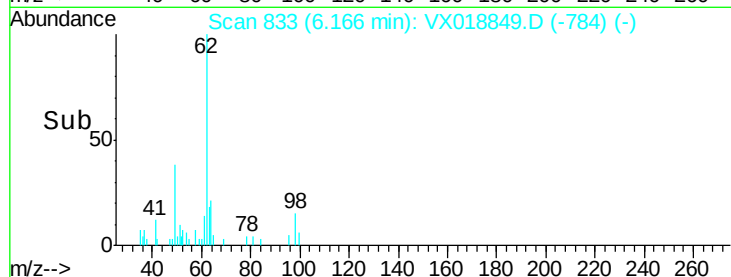
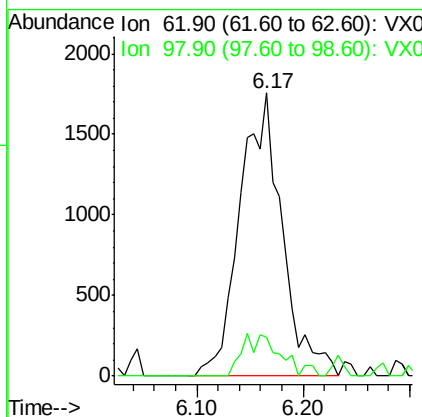
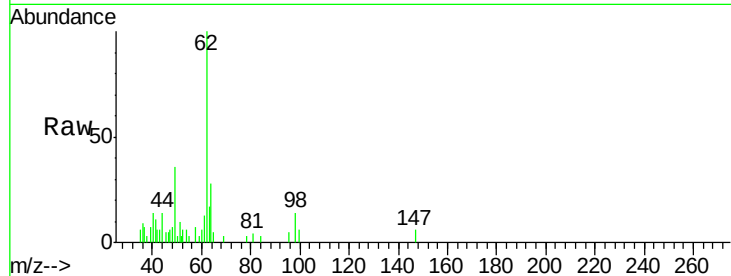
ClientSampleId :

VSTDIC001

Tot Ion:	62	Resp:	4899
Ion Ratio	Lower	Upper	
62	100		
98	4.8	0.0	16.4

Manual Integrations
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#43

Isopropyl Acetate

Concen: 1.050 ug/l

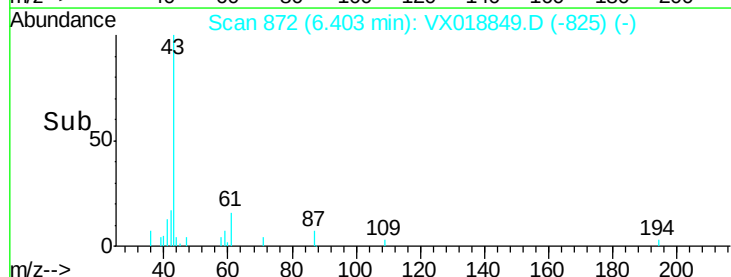
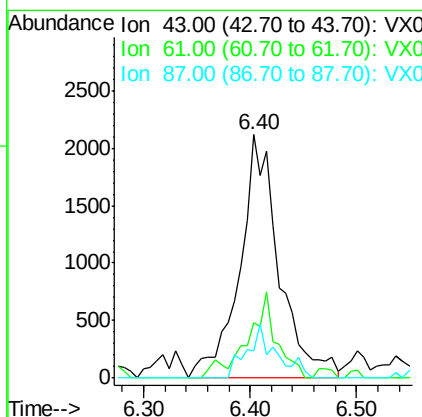
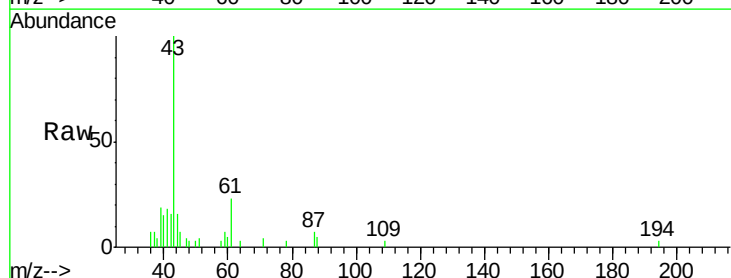
RT: 6.40 min Scan# 872

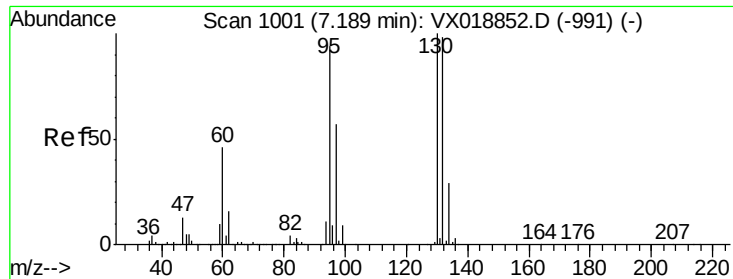
Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion:	43	Resp:	5500
Ion Ratio	Lower	Upper	
43	100		
61	23.2	15.5	23.3
87	16.1	10.8	16.2





#44

Trichloroethene

Concen: 1.193 ug/l

RT: 7.18 min Scan# 999

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2953

Ion Ratio Lower Upper

130 100

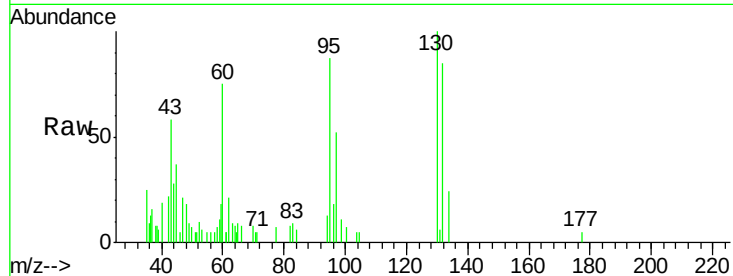
95 87.0 0.0 188.4

Manual Integrations

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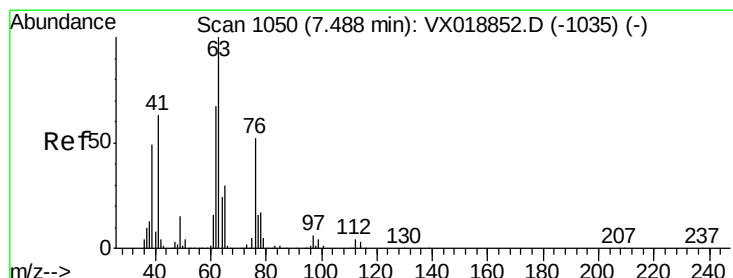
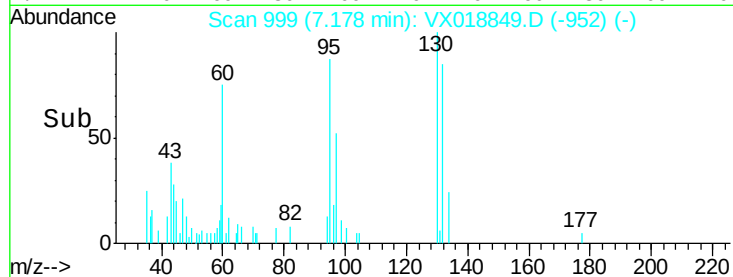
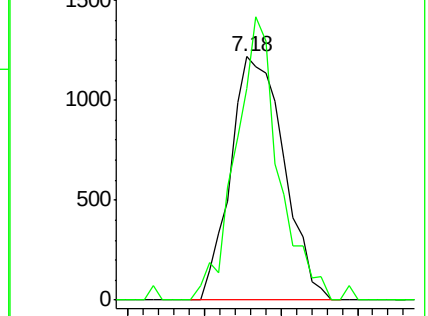
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.116 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX018849.D

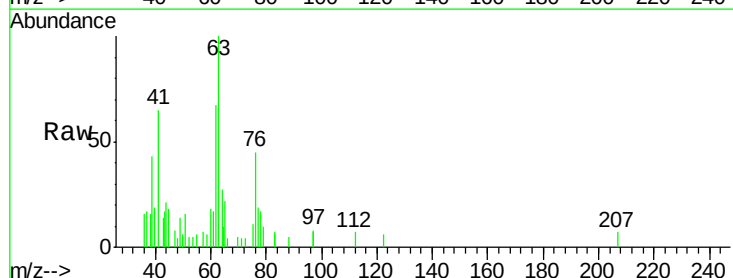
Acq: 09 Oct 2020 11:07

Tgt Ion: 63 Resp: 2601

Ion Ratio Lower Upper

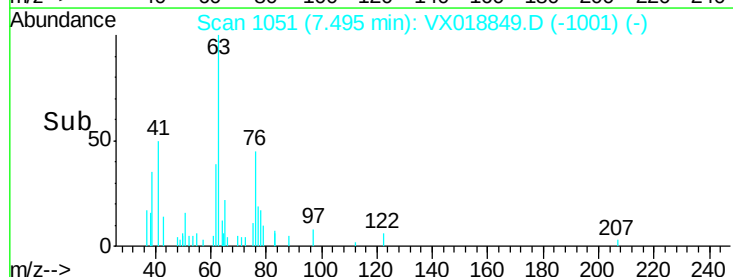
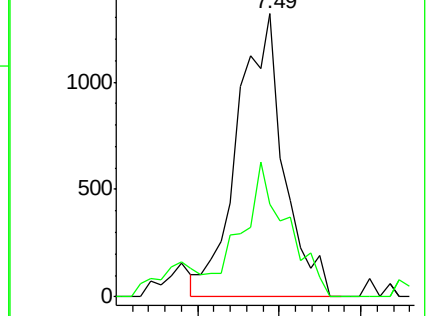
63 100

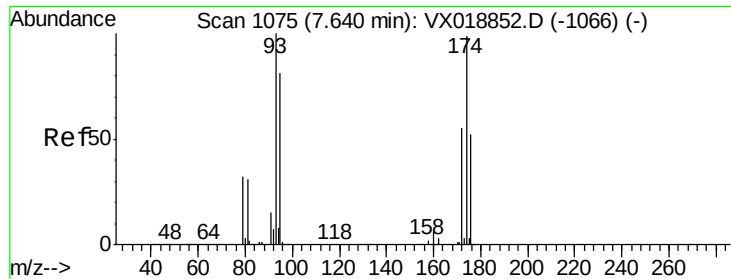
65 33.9 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





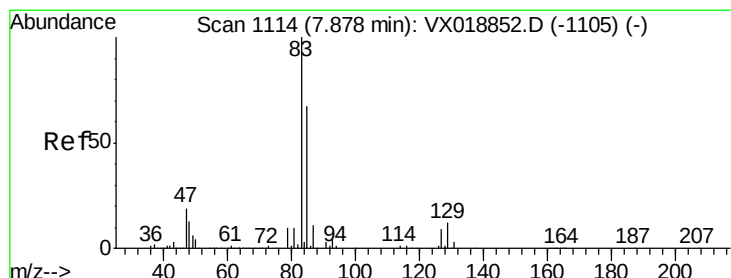
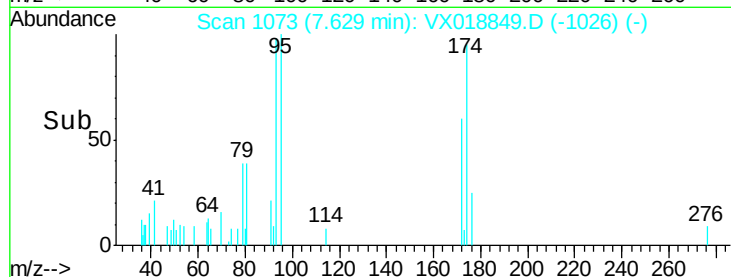
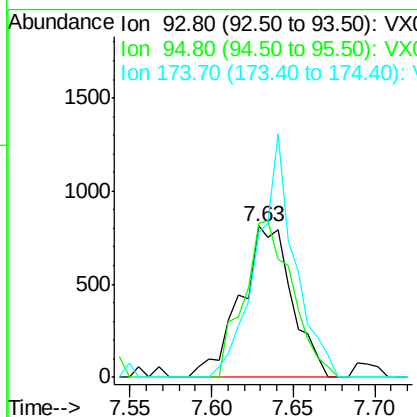
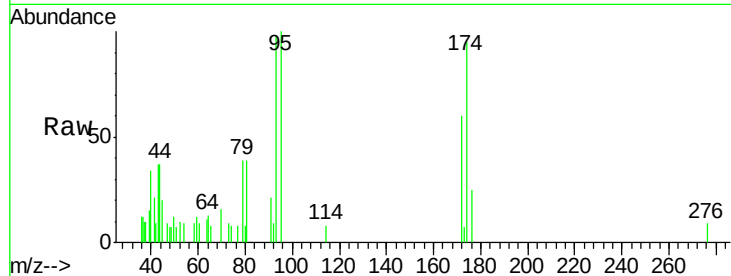
#46
Dibromomethane
Concen: 1.101 ug/l
RT: 7.63 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	97.5	66.1	99.1
174	117.2	84.6	127.0

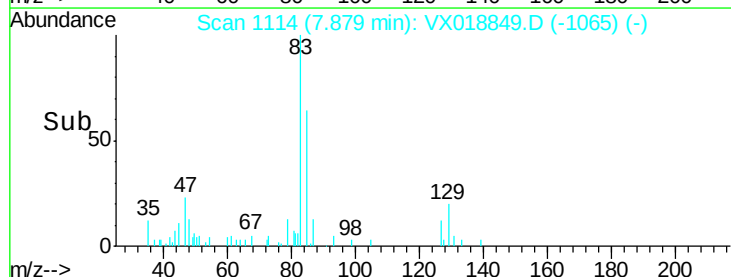
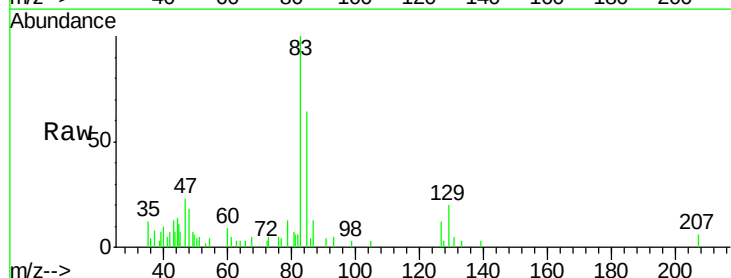
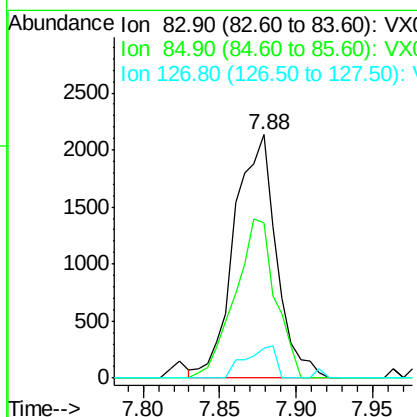
Manual Integrations
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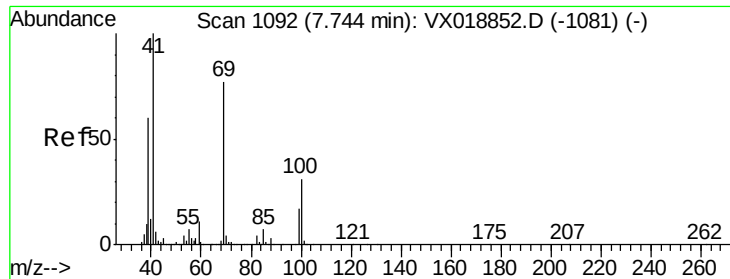
MMDadoda
10/12/2020 2:23:16 PM



#47
Bromodichloromethane
Concen: 1.236 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.8	80.6
127	12.1	7.5	11.3#





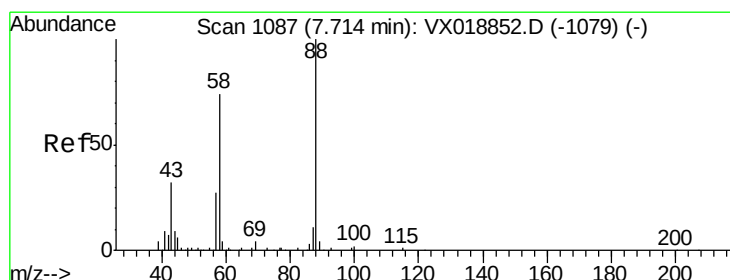
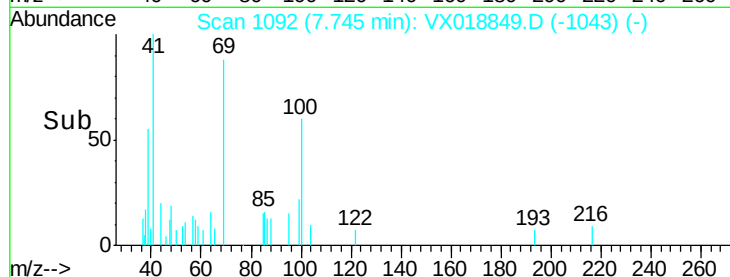
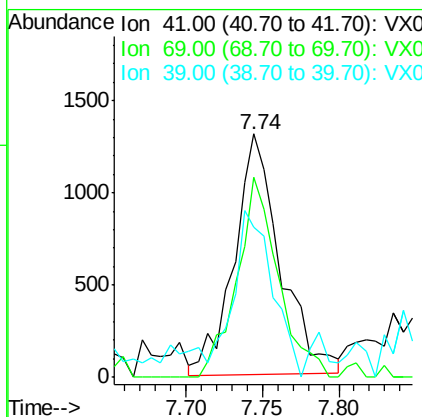
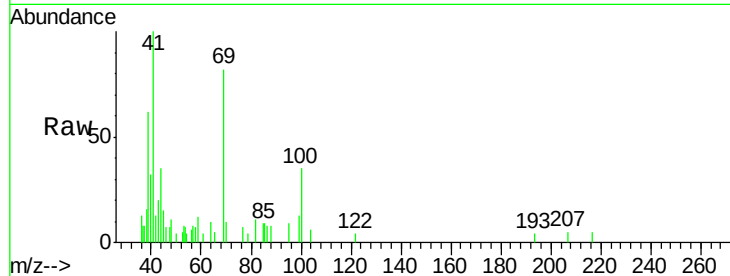
#48
Methvl methacrylate
Concen: 1.058 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	74.5	64.6	97.0
39	59.3	48.6	73.0

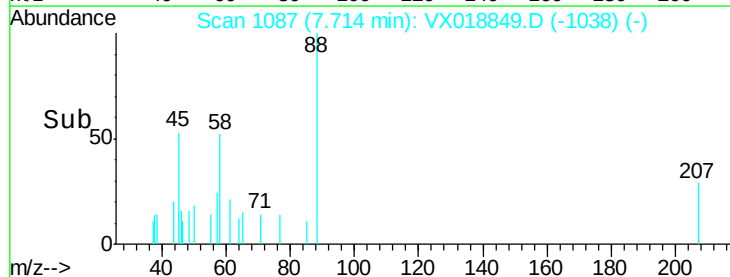
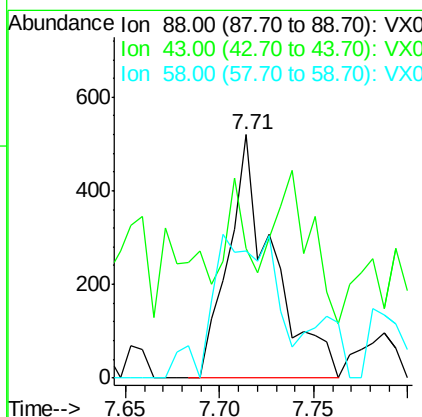
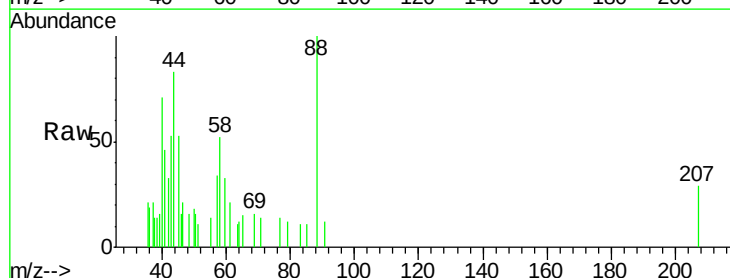
Manual Integrations
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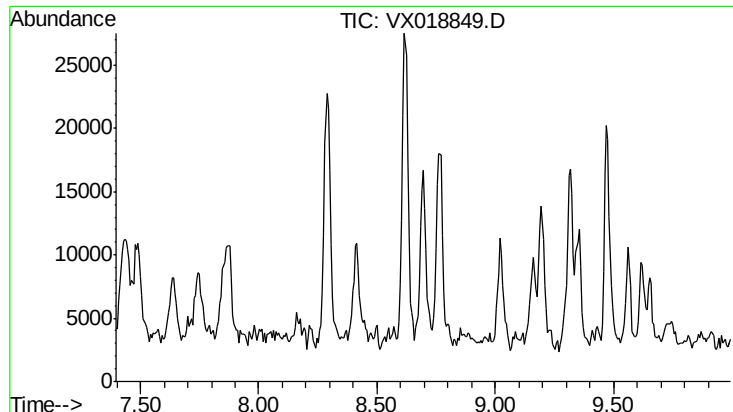
MMDadoda
10/12/2020 2:23:16 PM



#49
1,4-Dioxane
Concen: 20.394 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
43	16.5	31.0	46.6#
58	81.9	59.3	88.9





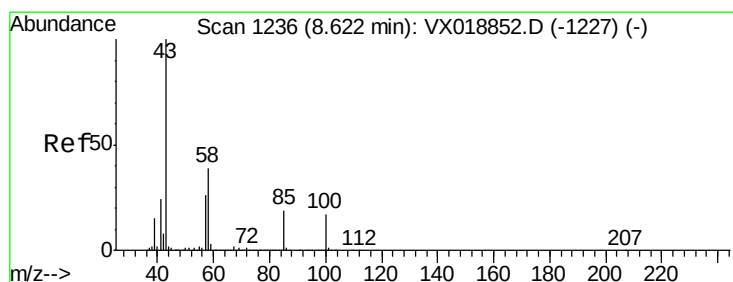
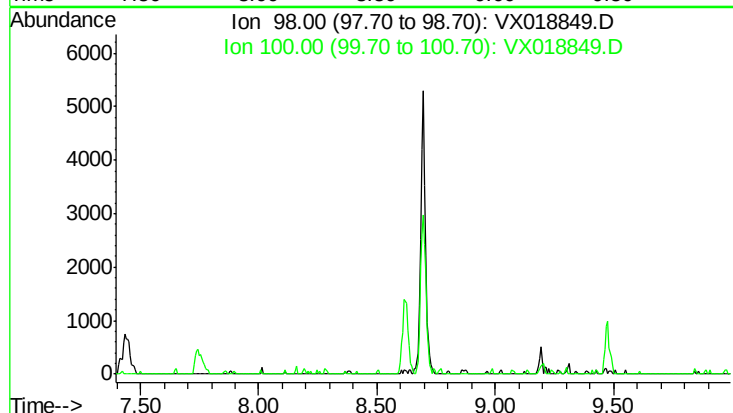
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tot Ion: 98
Sig Exp Ratio
98 100
100 66.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

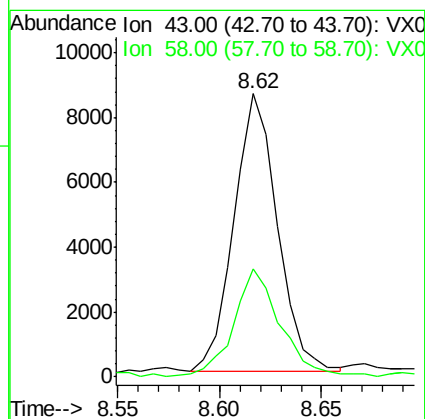
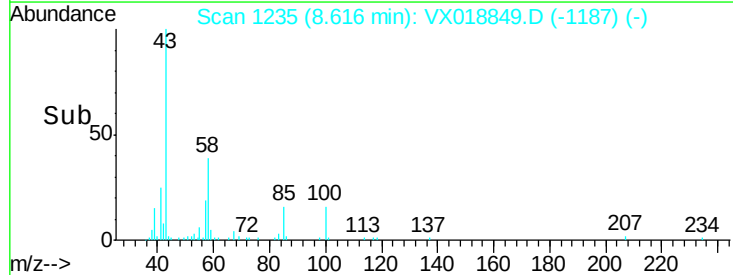
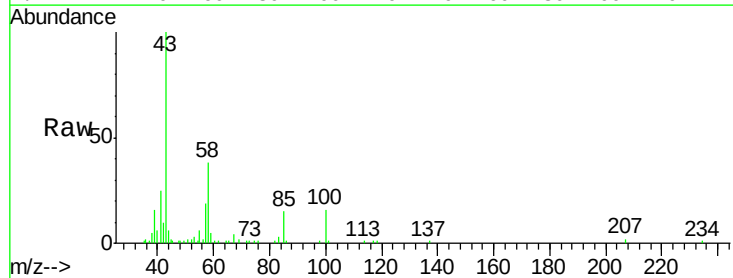
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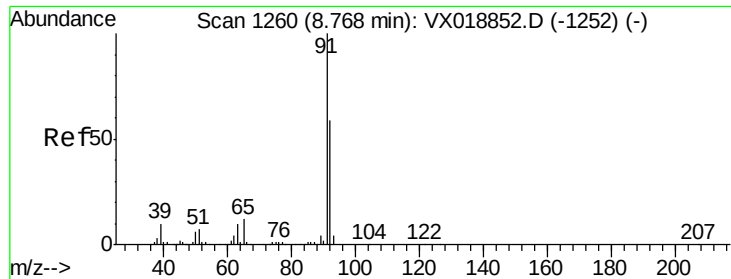
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#51
4-Methyl-2-Pentanone
Concen: 4.021 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion: 43 Resp: 12600
Ion Ratio Lower Upper
43 100
58 42.2 30.9 46.3





#52

Toluene

Concen: 0.999 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 5406

Ion Ratio Lower Upper

92 100

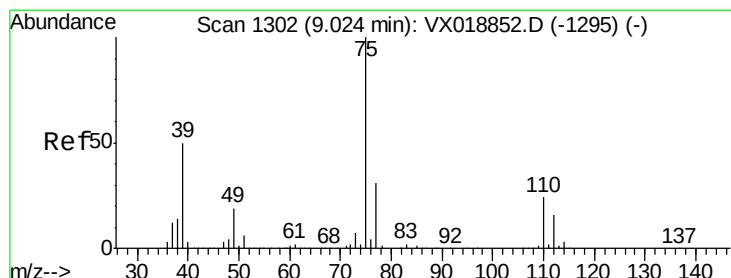
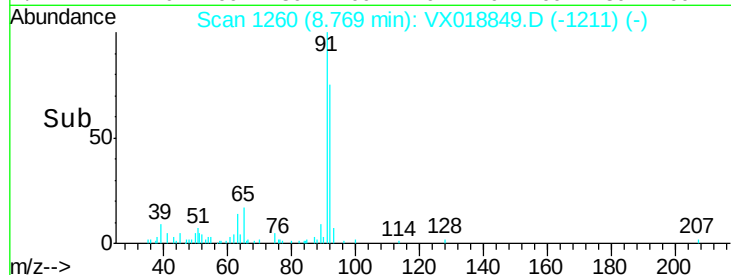
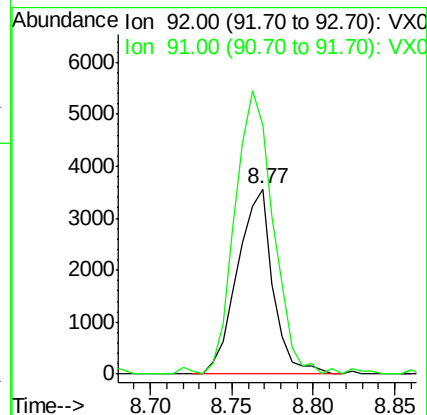
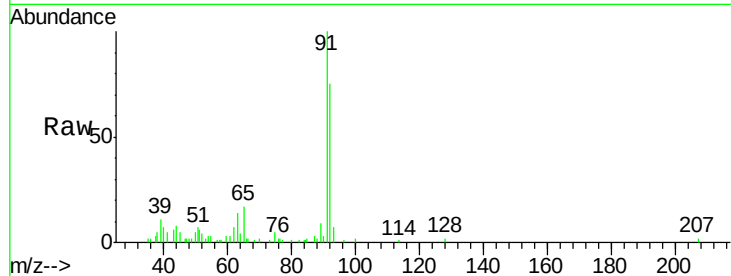
91 164.5 138.2 207.4

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#53

t-1,3-Dichloropropene

Concen: 1.011 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018849.D

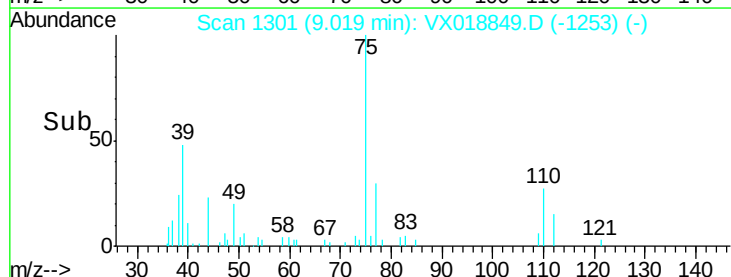
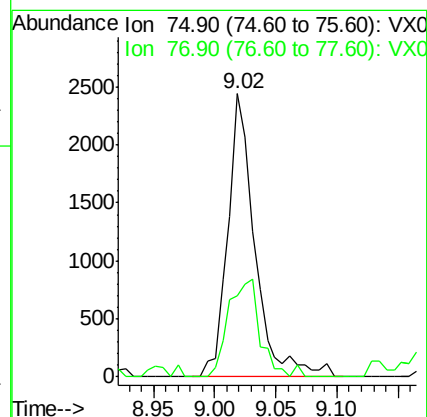
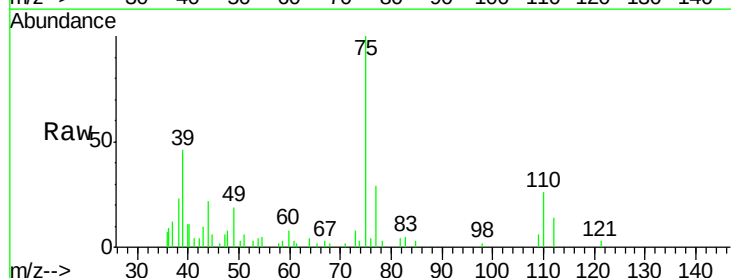
Acq: 09 Oct 2020 11:07

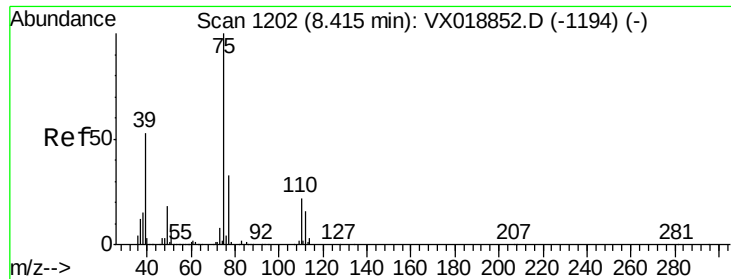
Tgt Ion: 75 Resp: 3757

Ion Ratio Lower Upper

75 100

77 28.6 25.1 37.7





#54

cis-1,3-Dichloropropene

Concen: 1.024 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

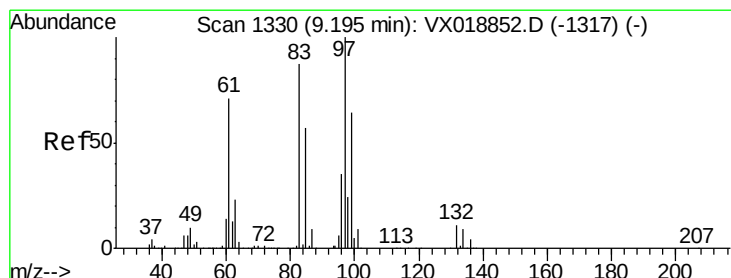
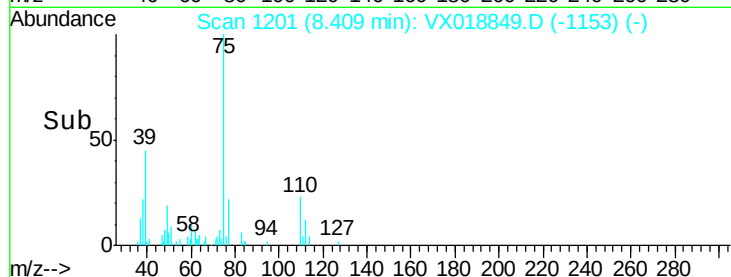
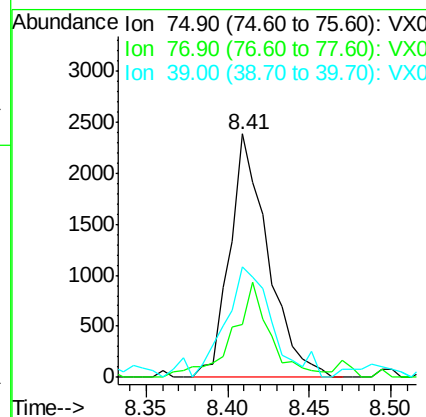
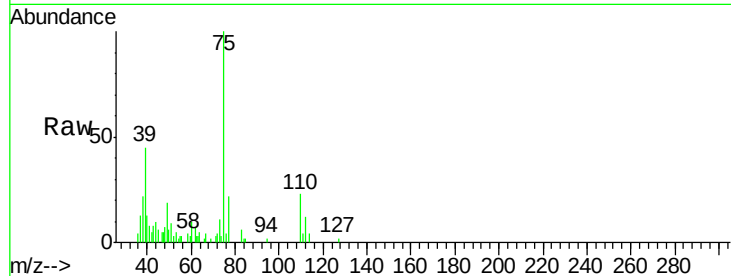
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3890
Ion	Ratio	Lower	Upper
75	100		
77	17.6	26.6	39.8#
39	45.2	42.6	64.0

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#55

1,1,2-Trichloroethane

Concen: 1.133 ug/l

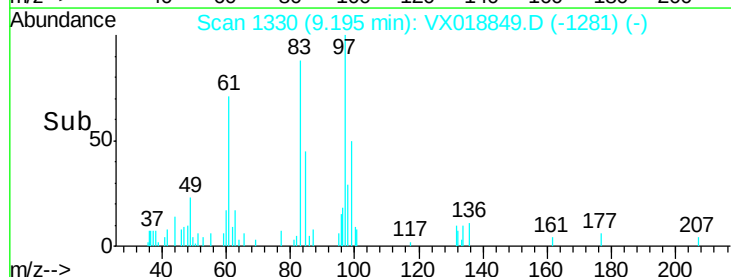
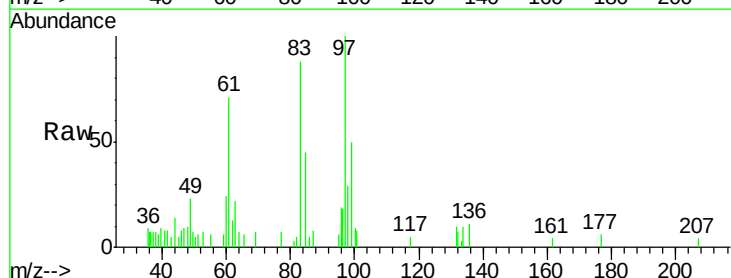
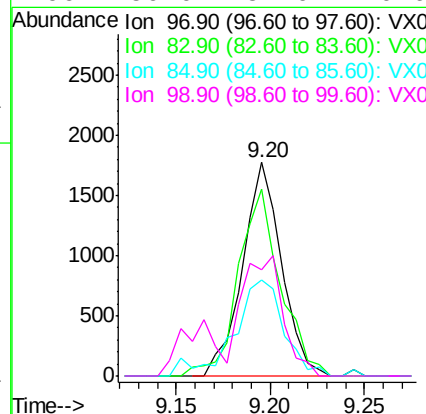
RT: 9.20 min Scan# 1330

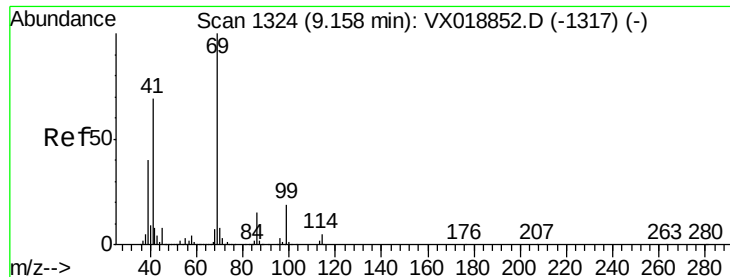
Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion:	97	Resp:	2540
Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.3	103.9
85	45.1	45.3	67.9#
99	50.0	51.0	76.6#





#56

Ethyl methacrylate

Concen: 0.750 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

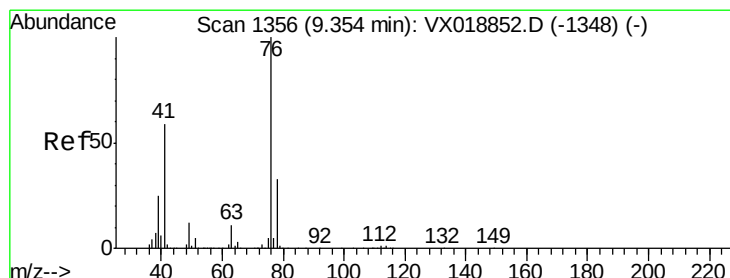
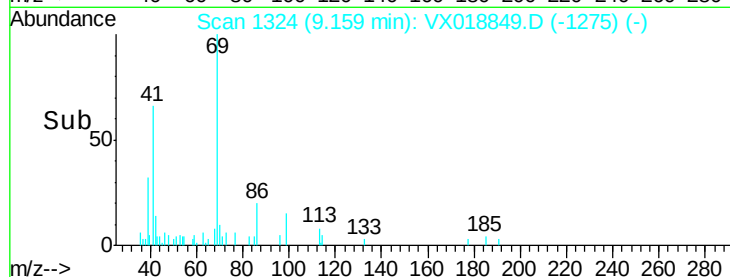
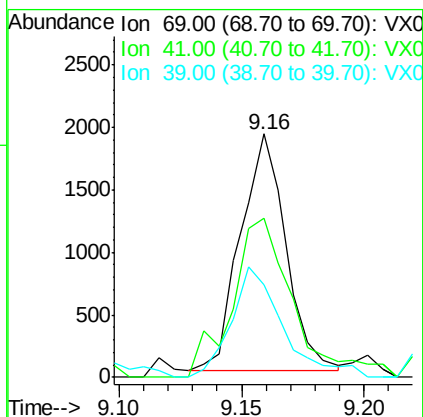
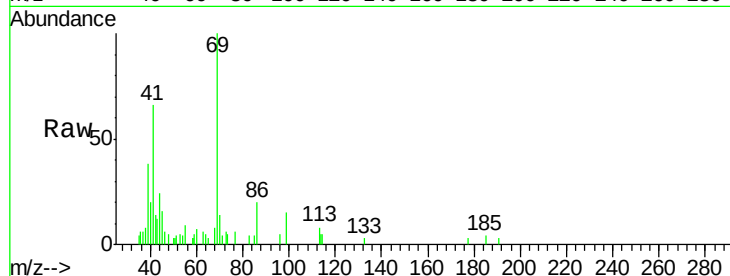
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2464
Ion	Ratio	Lower	Upper
69	100		
41	90.1	54.6	81.8#
39	52.4	31.5	47.3#

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#57

1,3-Dichloropropane

Concen: 1.010 ug/l

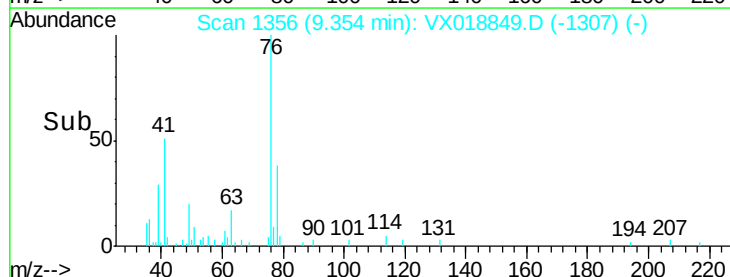
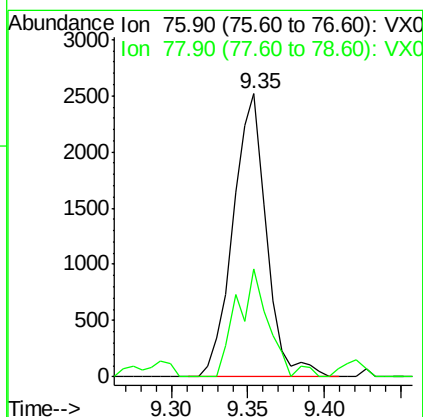
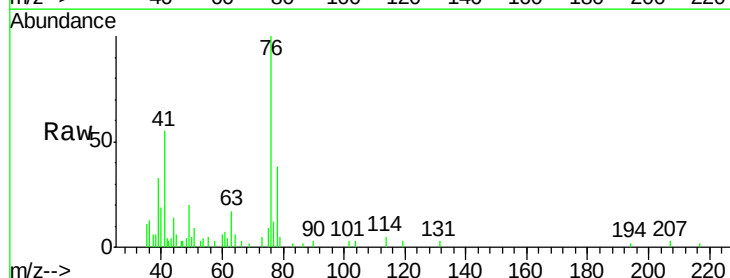
RT: 9.35 min Scan# 1356

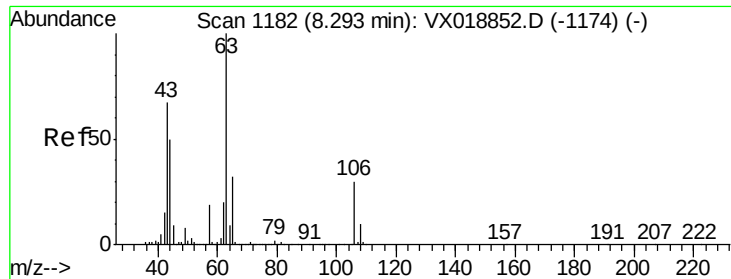
Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion:	76	Resp:	3803
Ion	Ratio	Lower	Upper
76	100		
78	36.7	26.2	39.2





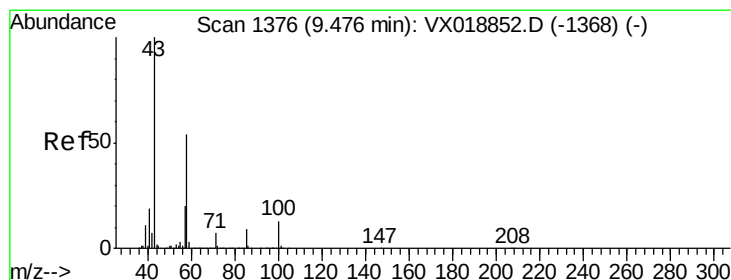
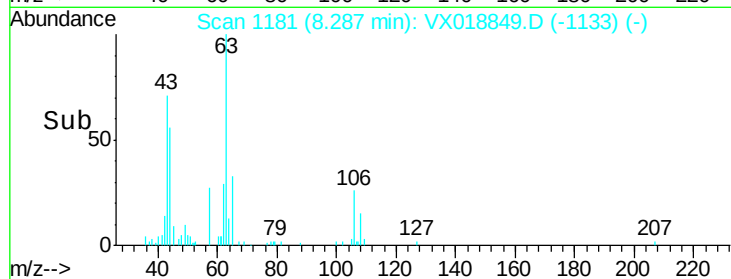
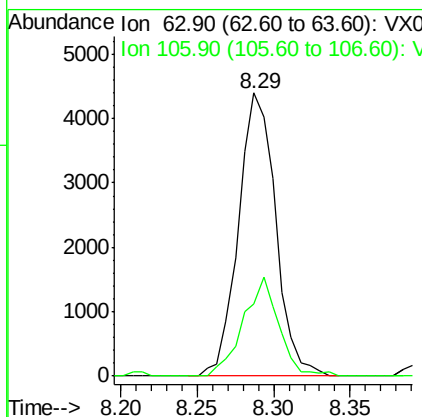
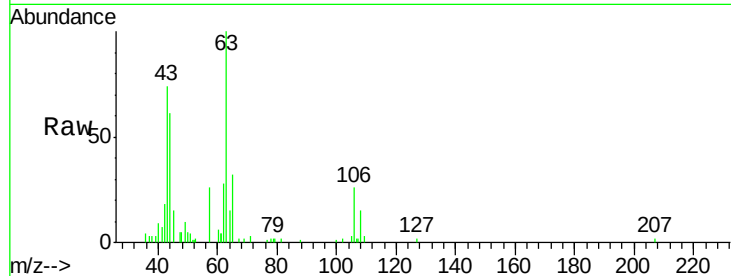
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.240 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 7444
 Ion Ratio Lower Upper
 63 100
 106 33.6 24.2 36.4

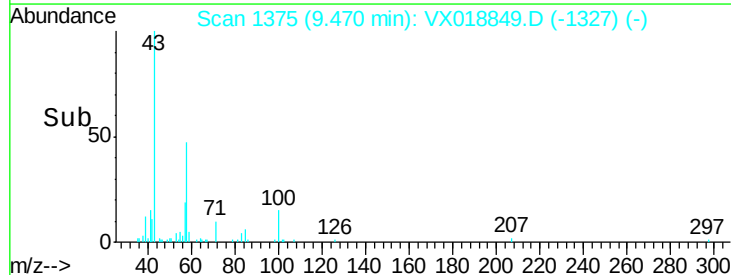
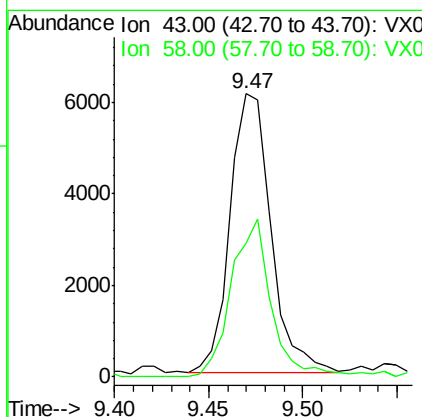
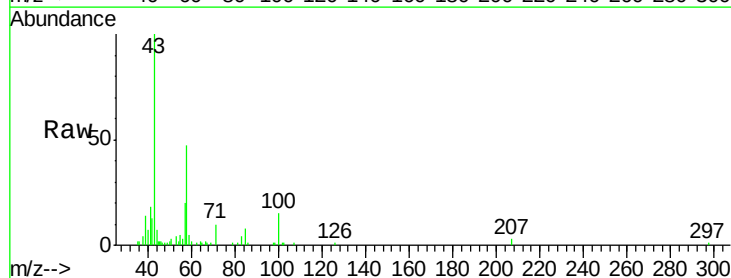
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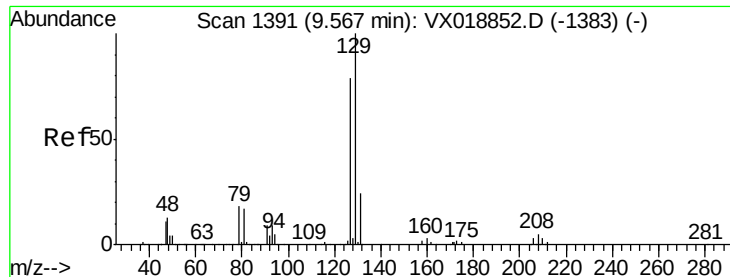
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#59
 2-Hexanone
 Concen: 3.870 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion: 43 Resp: 9222
 Ion Ratio Lower Upper
 43 100
 58 54.8 26.7 80.1





#60

Dibromochloromethane

Concen: 1.128 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3039

Ion Ratio Lower Upper

129 100

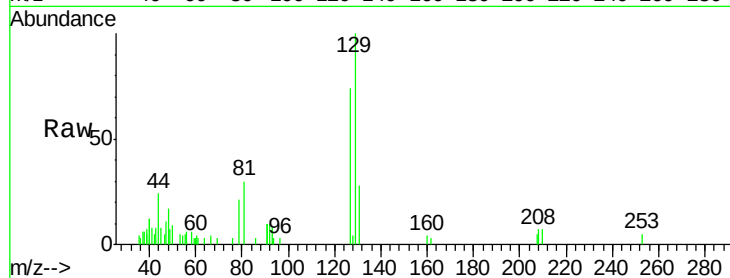
127 72.5 39.5 118.5

Manual Integrations

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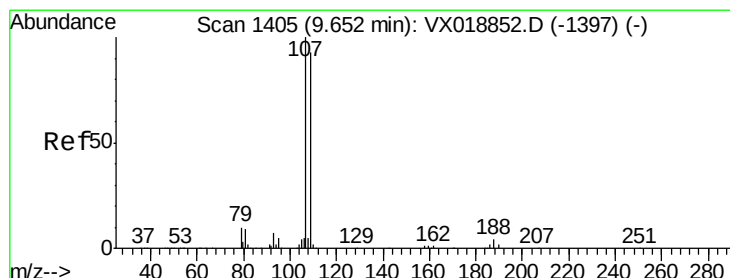
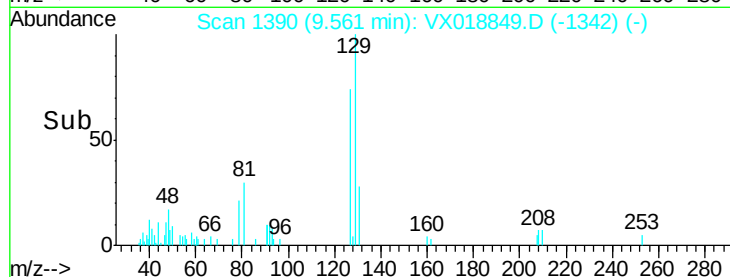
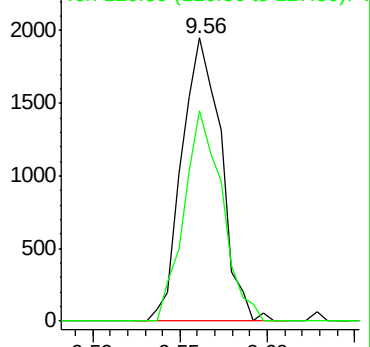
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.090 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018849.D

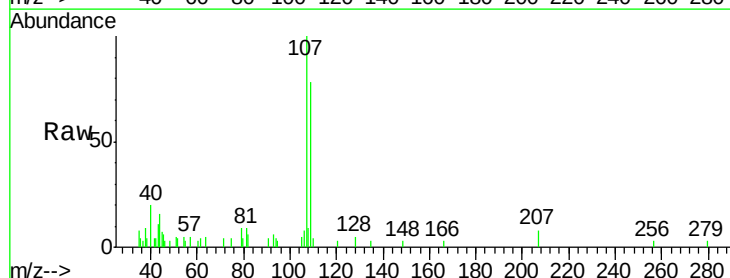
Acq: 09 Oct 2020 11:07

Tgt Ion:107 Resp: 2605

Ion Ratio Lower Upper

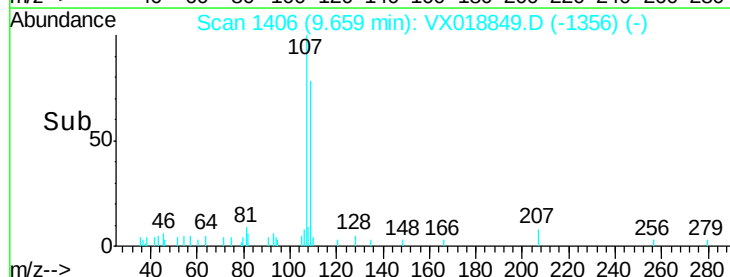
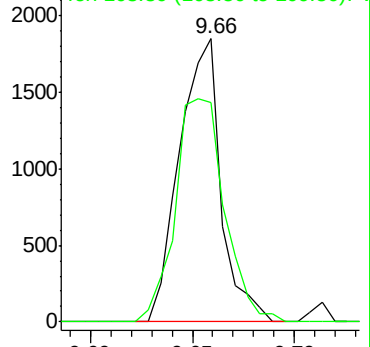
107 100

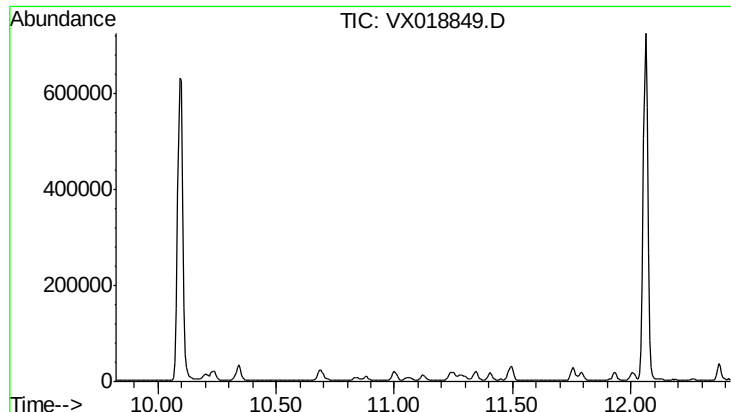
109 93.8 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





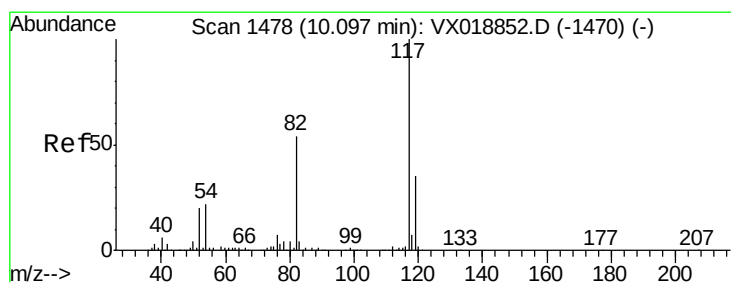
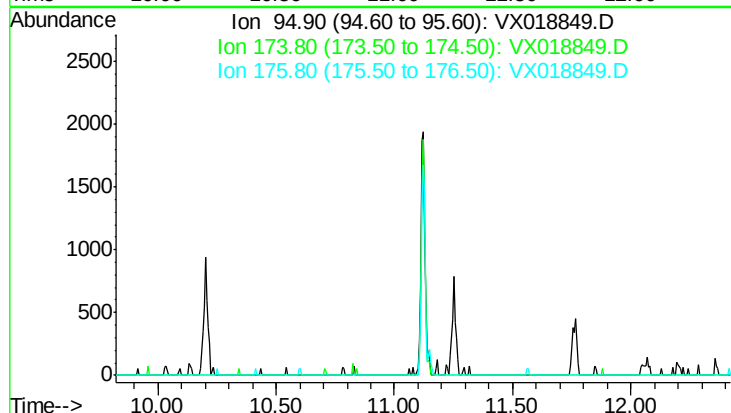
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.12 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Siq	Exp Ratio
95	100
174	80.0
176	80.6

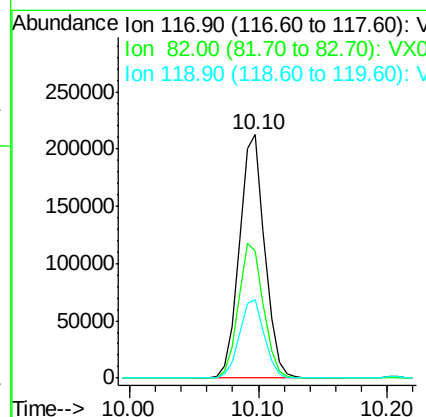
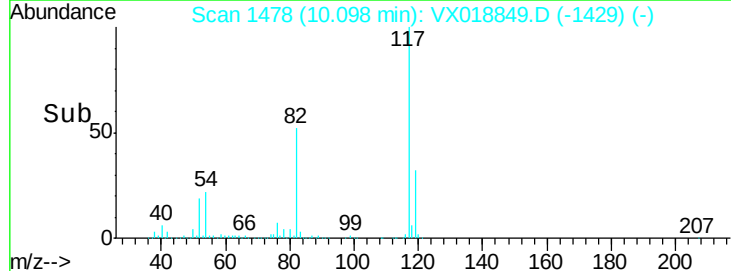
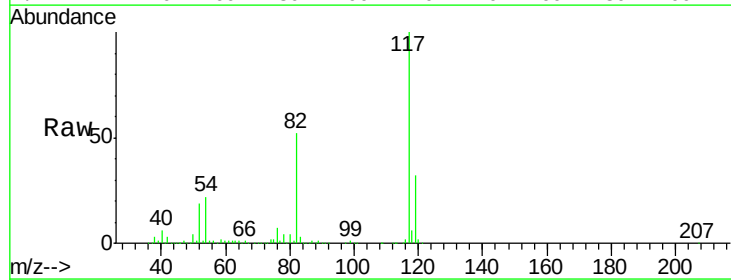
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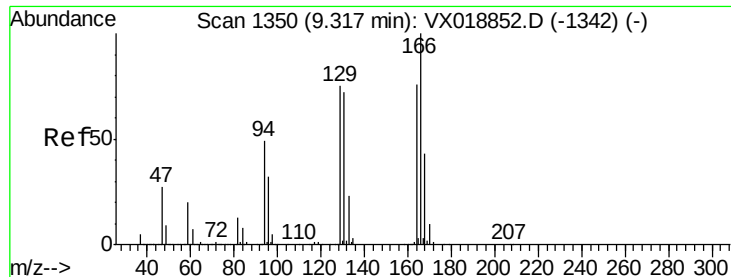
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion	117	Resp	290150
Ion Ratio	Lower	Upper	
117	100		
82	52.0	43.4	65.2
119	32.4	28.3	42.5





#64

Tetrachloroethene

Concen: 1.223 ug/l

RT: 9.31 min Scan# 1349

Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2782

Ion Ratio Lower Upper

164 100

166 107.3 105.4 158.0

129 84.3 79.0 118.6

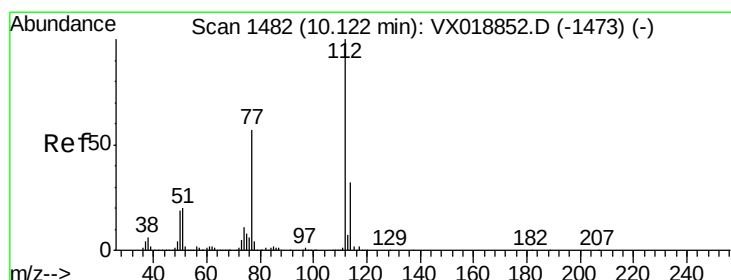
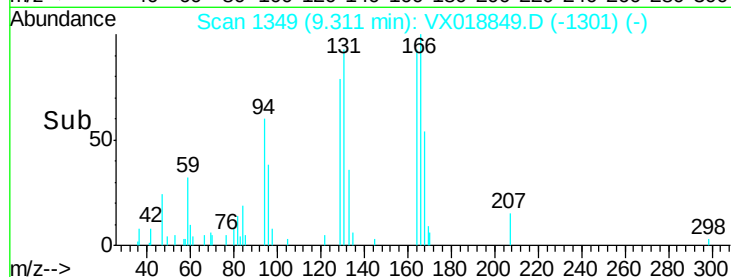
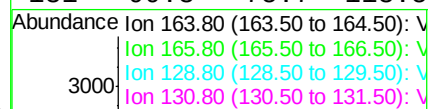
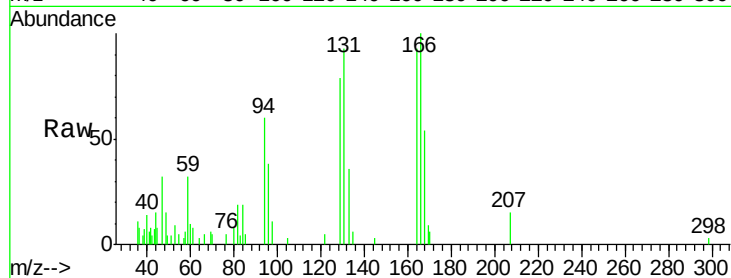
131 99.3 75.7 113.5

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#65

Chlorobenzene

Concen: 1.099 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018849.D

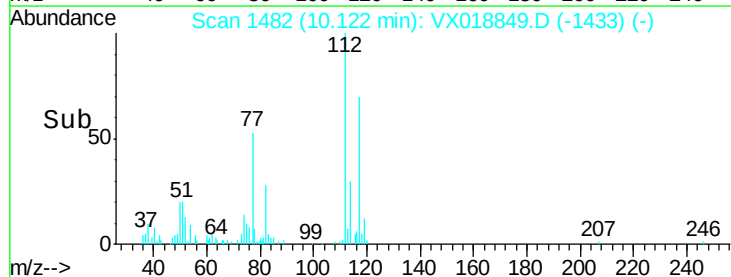
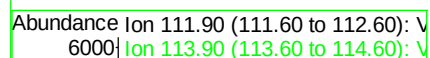
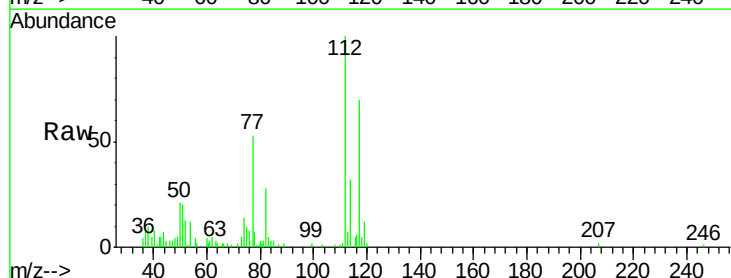
Acq: 09 Oct 2020 11:07

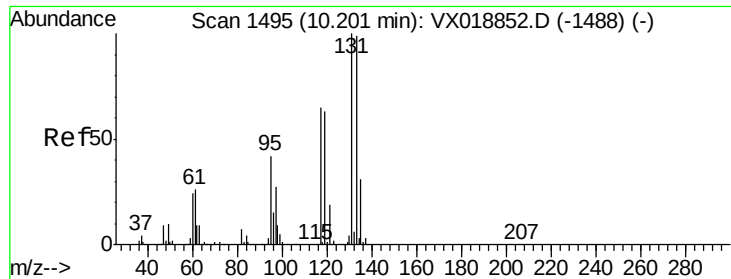
Tgt Ion:112 Resp: 6607

Ion Ratio Lower Upper

112 100

114 31.6 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 1.076 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

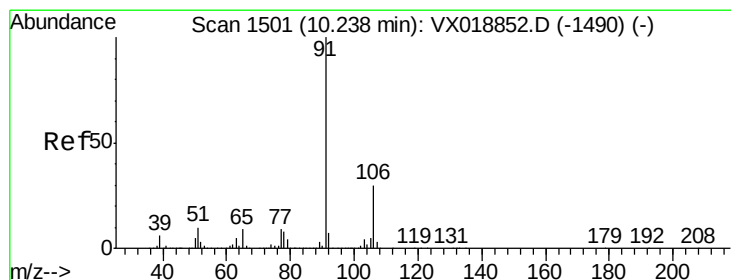
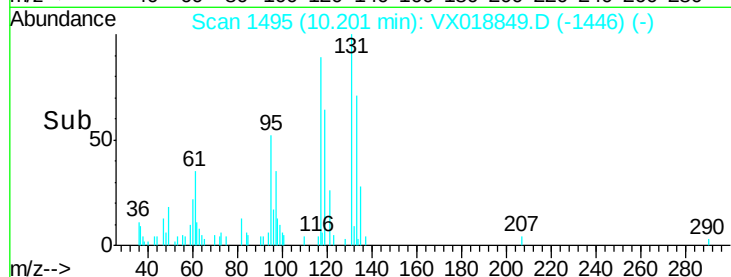
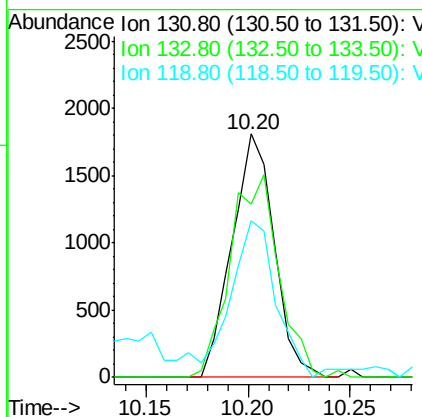
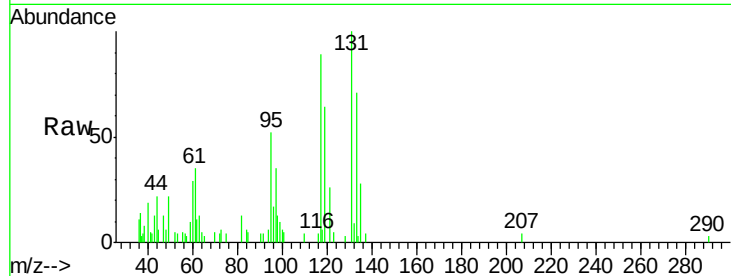
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.7	48.6	145.8
119	0.0	31.1	93.3#

Manual Integrations
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#67

Ethyl Benzene

Concen: 0.975 ug/l

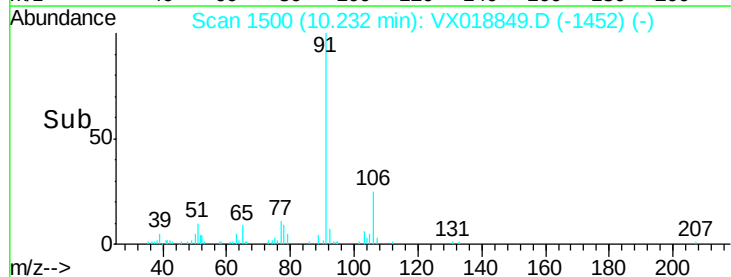
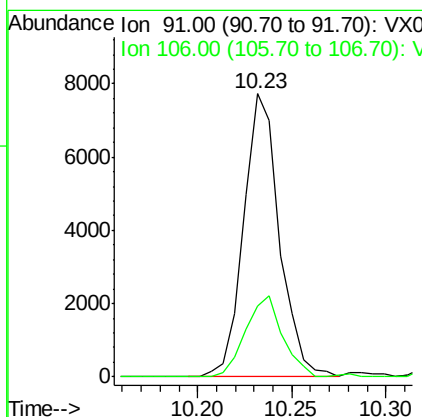
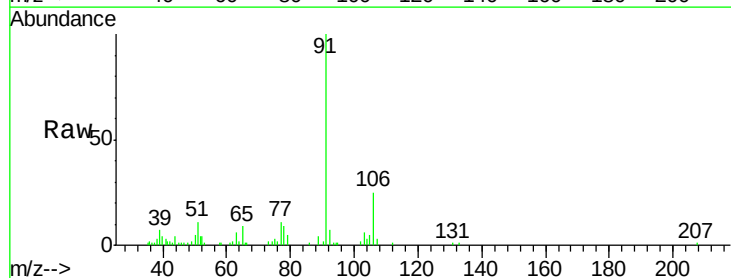
RT: 10.23 min Scan# 1500

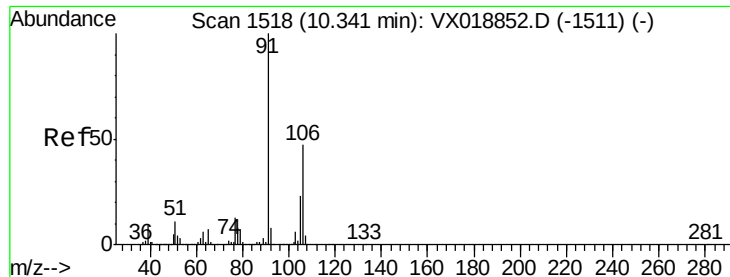
Delta R.T. -0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	24.9	24.0	36.0





#68

m/p-Xylenes

Concen: 1.802 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 7119

Ion Ratio Lower Upper

106 100

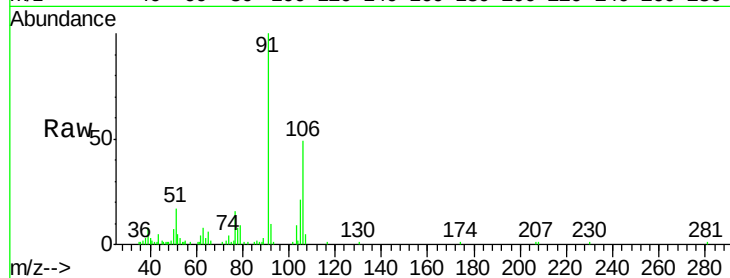
91 200.4 165.6 248.4

Manual Integrations

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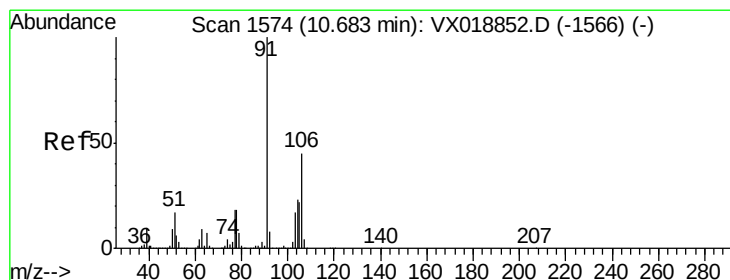
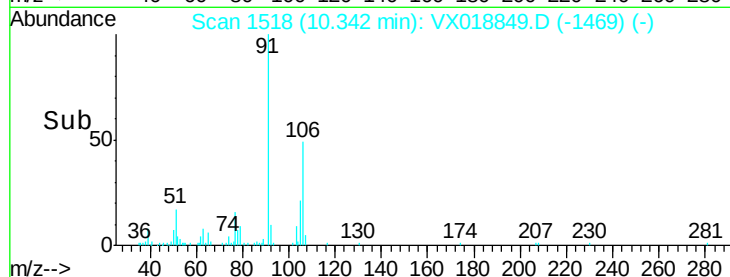
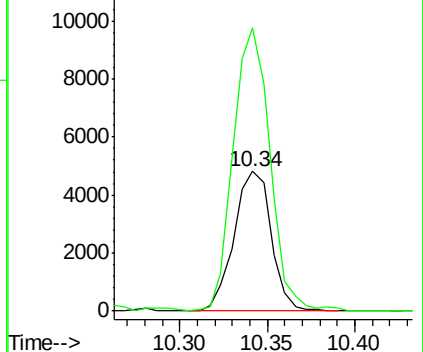
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.867 ug/l

RT: 10.69 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VX018849.D

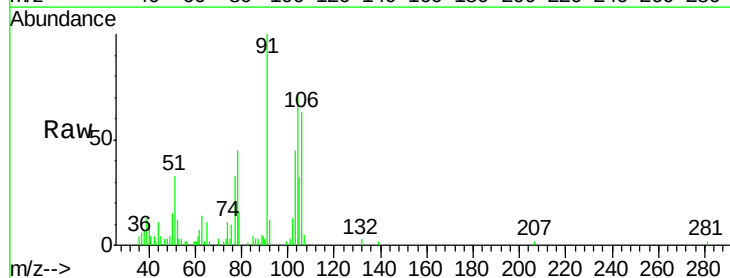
Acq: 09 Oct 2020 11:07

Tgt Ion:106 Resp: 3232

Ion Ratio Lower Upper

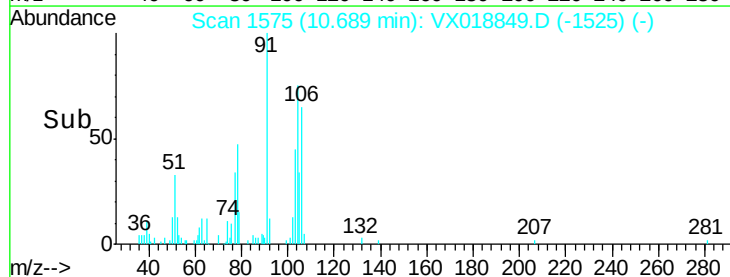
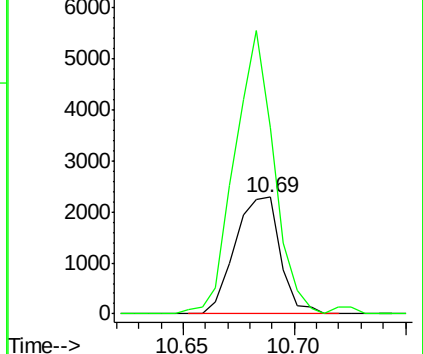
106 100

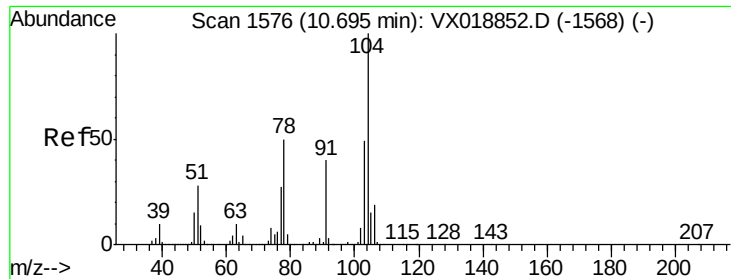
91 210.6 109.9 329.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





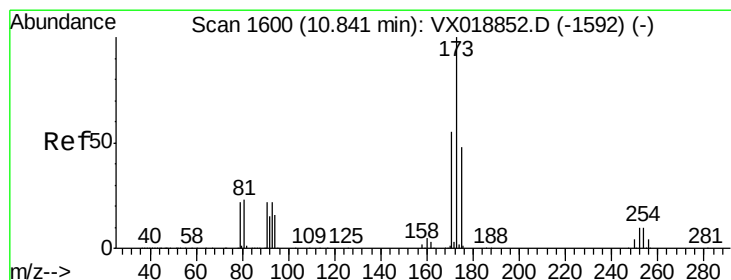
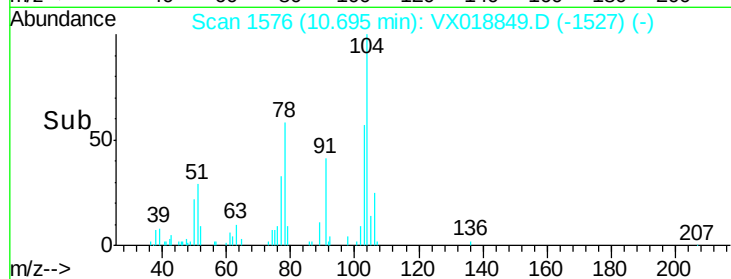
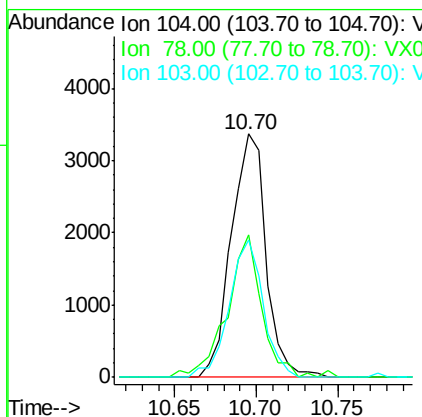
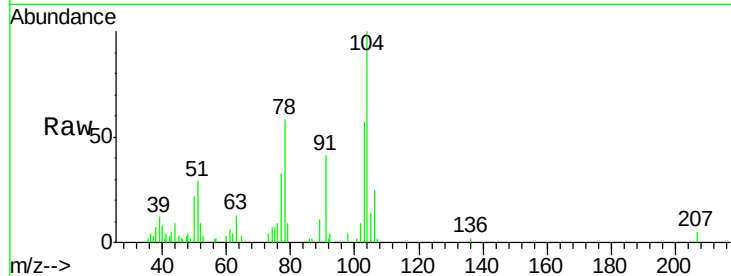
#70
Stvrene
Concen: 0.780 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	57.7	43.5	65.3
103	55.2	43.3	64.9

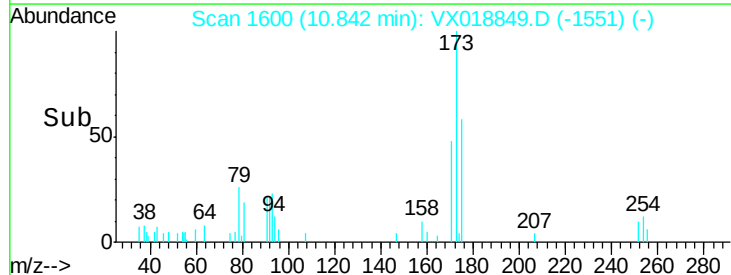
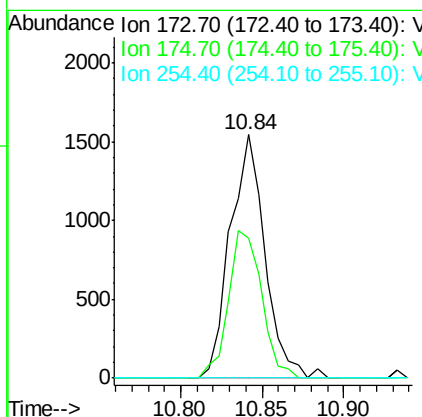
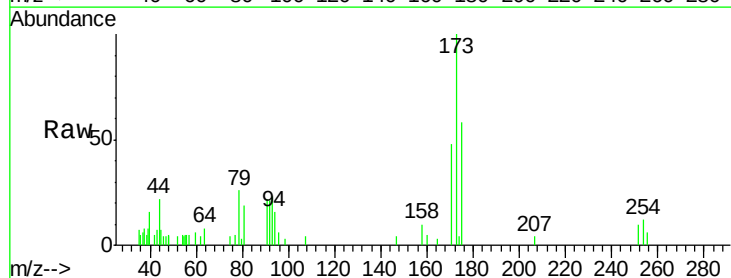
Manual Integrations
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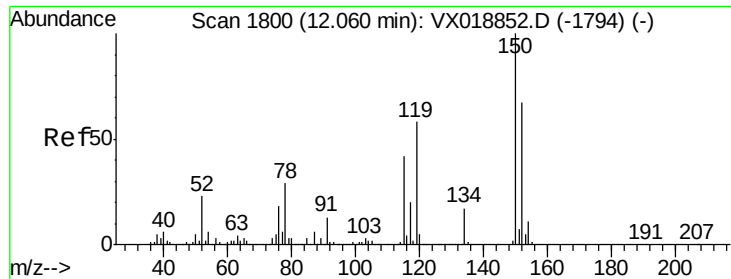
MMDadoda
10/12/2020 2:23:16 PM



#71
Bromoform
Concen: 1.127 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
173	100		
175	57.8	23.4	70.0
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

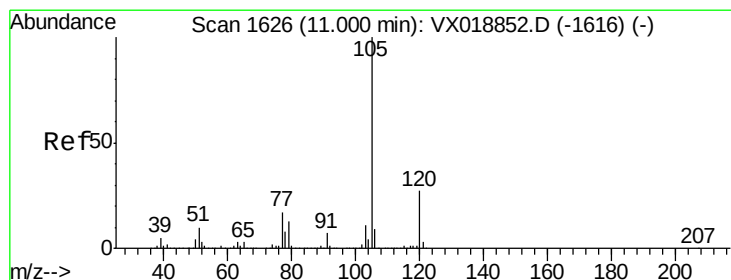
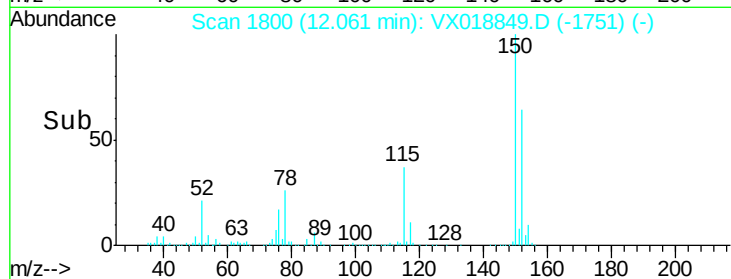
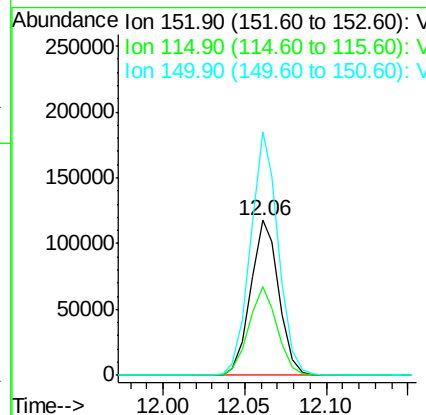
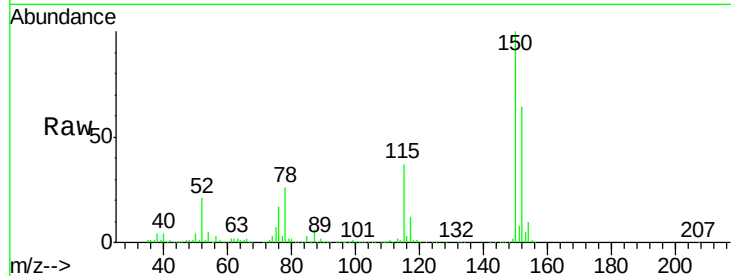
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	41.8	125.4
150	154.5	0.0	347.6

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.830 ug/l

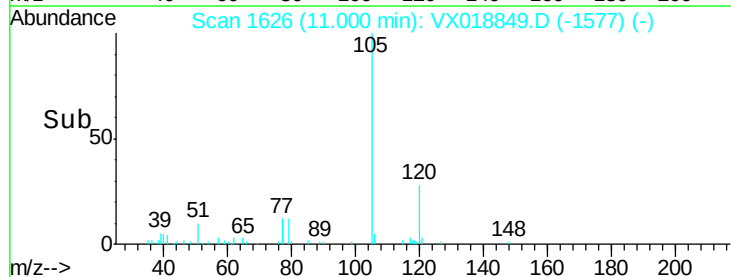
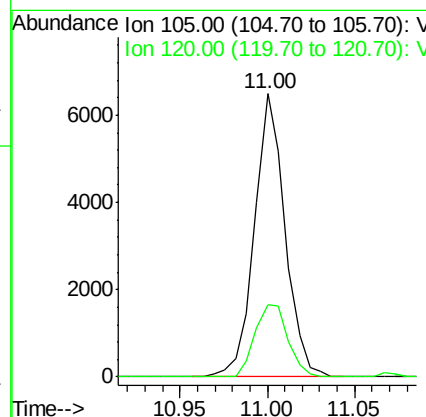
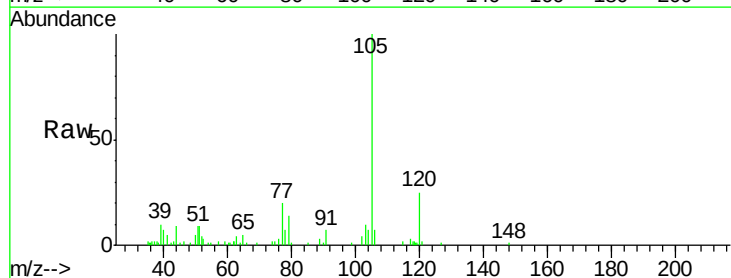
RT: 11.00 min Scan# 1626

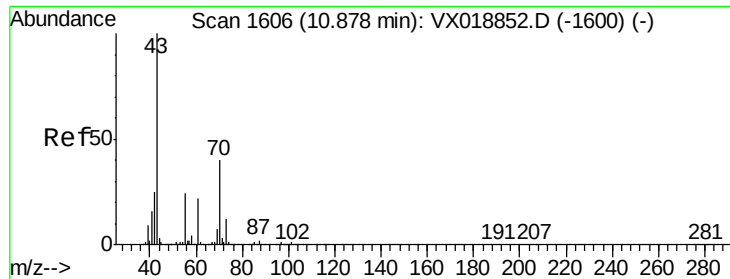
Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.3	39.8





#74

N-amvl acetate

Concen: 0.717 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

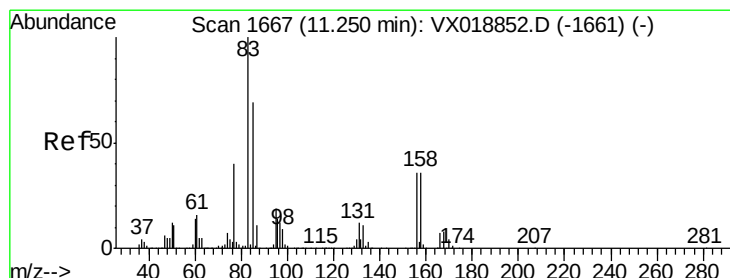
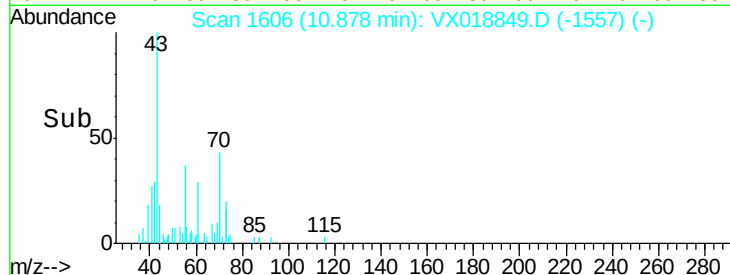
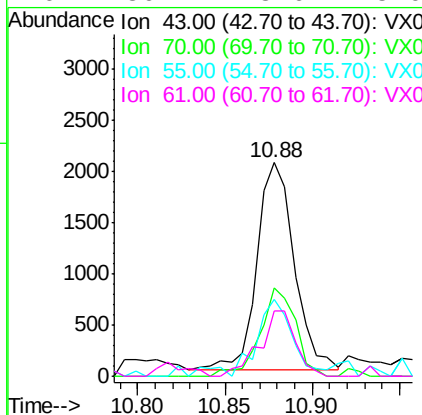
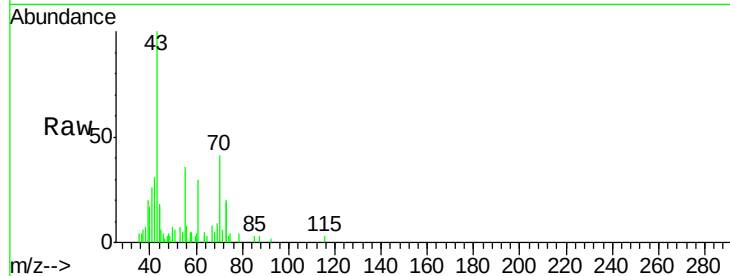
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	3010
Ion	Ratio	Lower	Upper
43	100		
70	40.3	33.7	50.5
55	37.7	19.8	29.8#
61	30.4	18.6	28.0#

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.099 ug/l

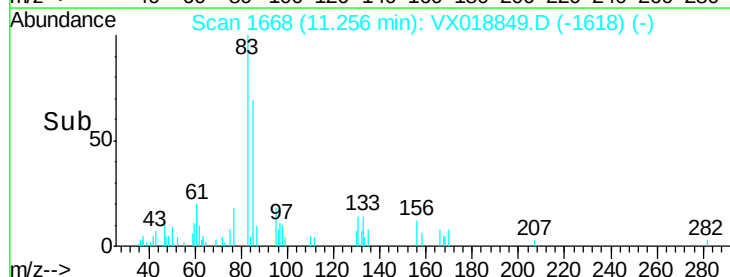
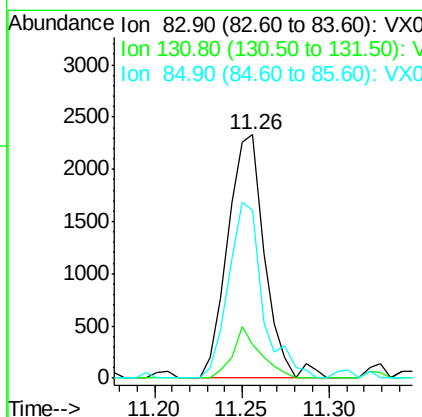
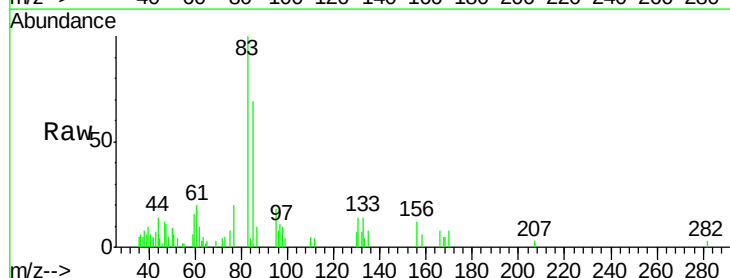
RT: 11.26 min Scan# 1668

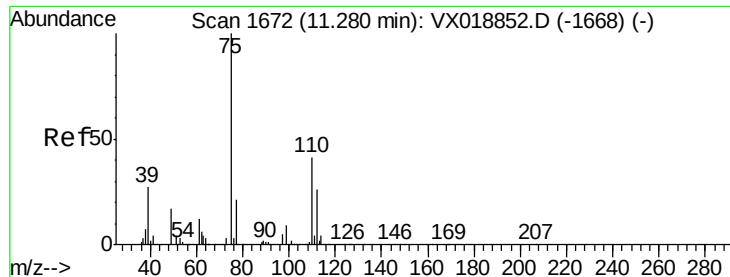
Delta R.T. 0.01 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion:	83	Resp:	3421
Ion	Ratio	Lower	Upper
83	100		
131	15.7	5.9	17.8
85	67.1	33.0	98.9





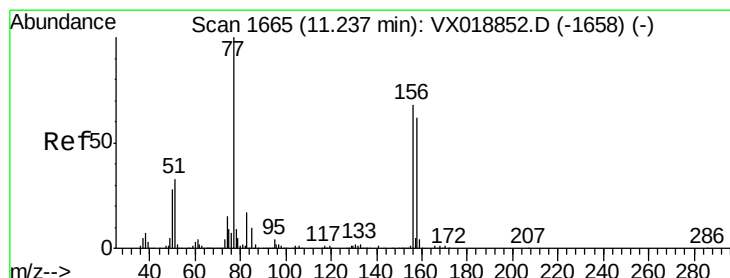
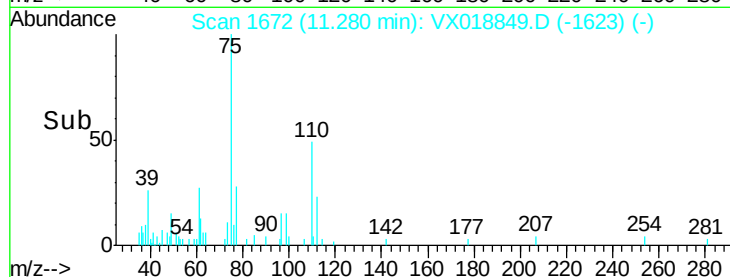
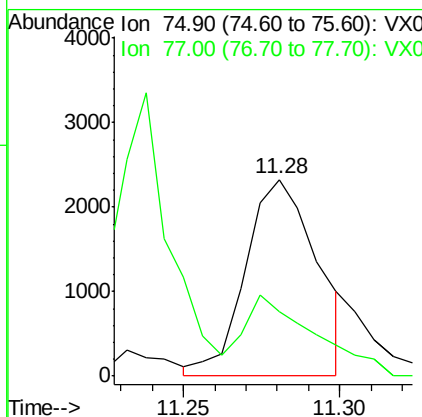
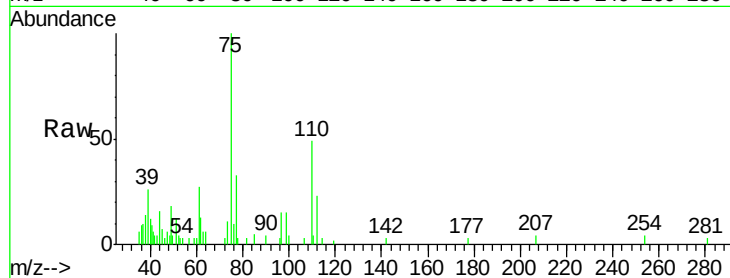
#76
 1,2,3-Trichloropropane
 Concen: 1.258 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 3739
 Ion Ratio Lower Upper
 75 100
 77 40.5 20.2 60.6

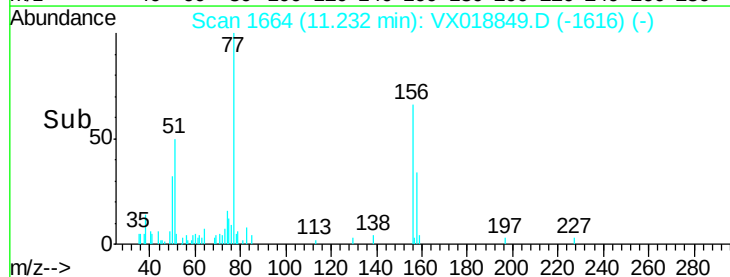
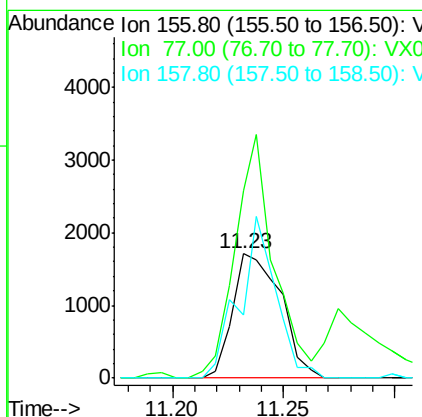
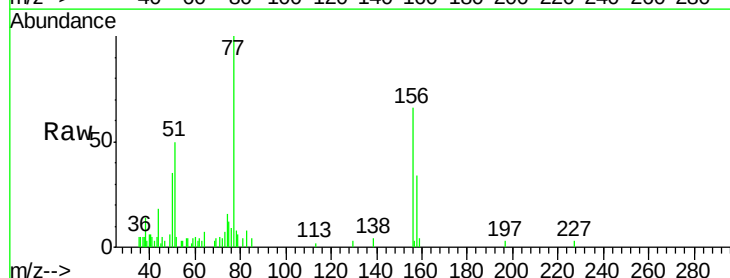
Manual Integrations
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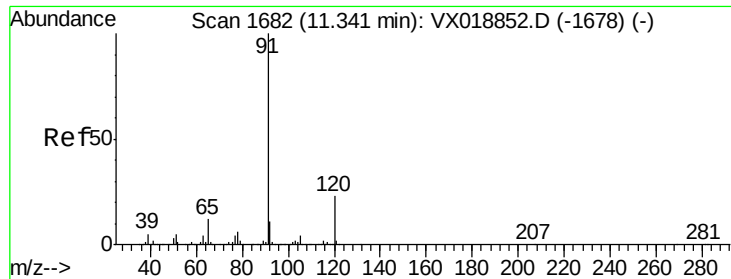
MMDadoda
 10/12/2020 2:23:16 PM



#77
 Bromobenzene
 Concen: 0.983 ug/l
 RT: 11.23 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion: 156 Resp: 2573
 Ion Ratio Lower Upper
 156 100
 77 157.7 76.0 228.1
 158 98.6 47.2 141.6





#78

n-propylbenzene

Concen: 0.852 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 9414

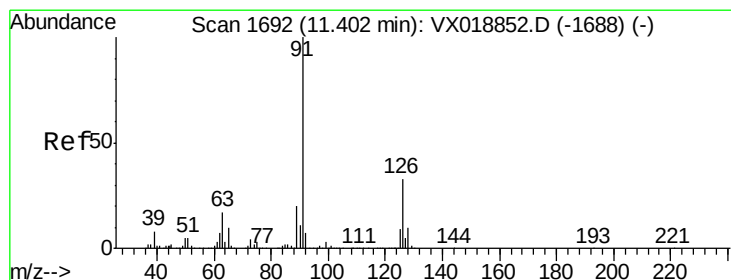
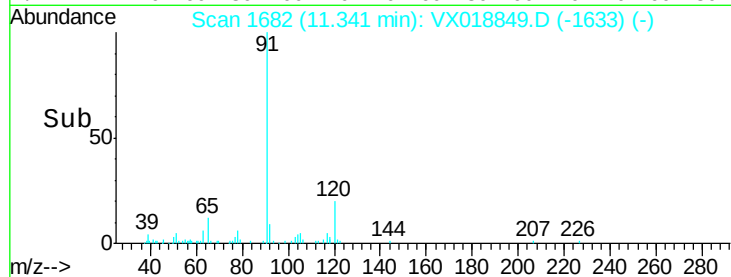
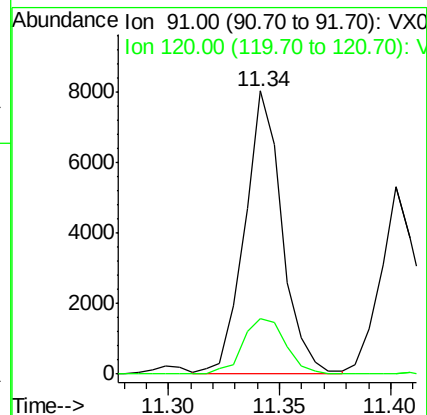
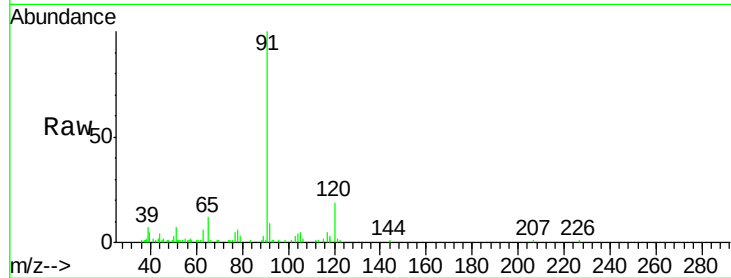
Ion Ratio Lower Upper

91 100

120 22.3 12.0 36.0

Manual Integrations
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#79

2-Chlorotoluene

Concen: 0.939 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018849.D

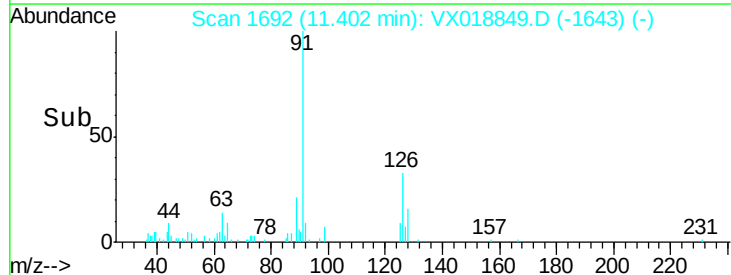
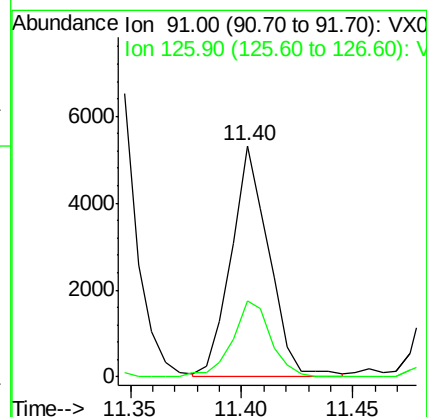
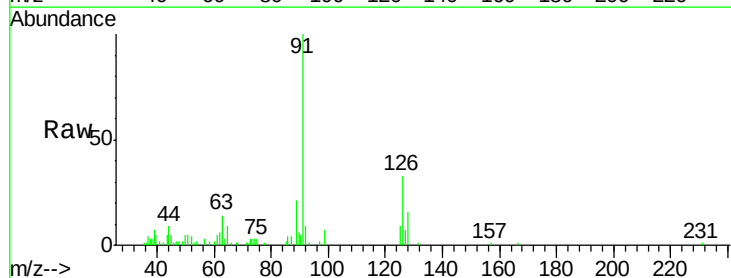
Acq: 09 Oct 2020 11:07

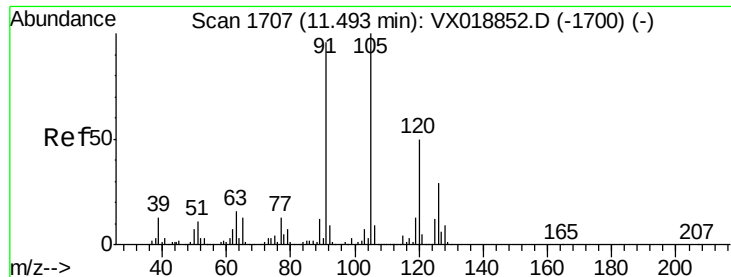
Tgt Ion: 91 Resp: 6299

Ion Ratio Lower Upper

91 100

126 33.5 17.1 51.3





#80

1,3,5-Trimethylbenzene

Concen: 0.778 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 6326

Ion Ratio Lower Upper

105 100

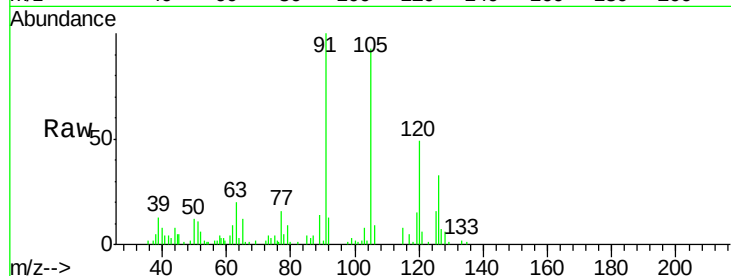
120 55.7 23.9 71.8

Manual Integrations

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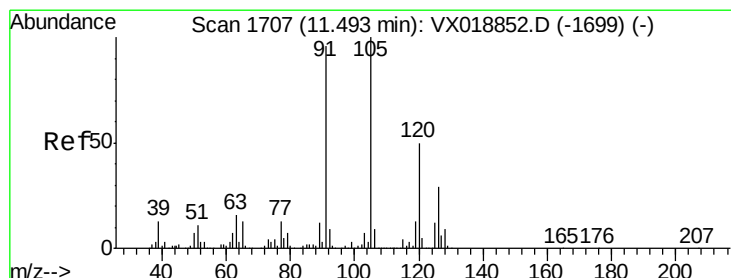
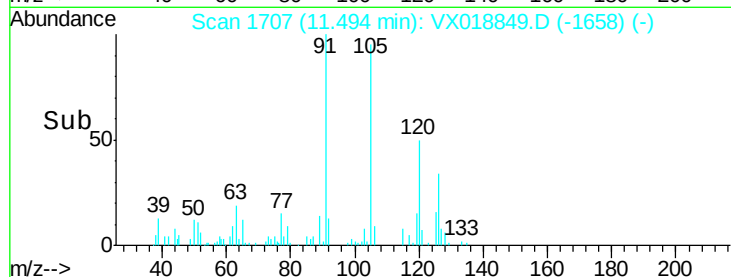
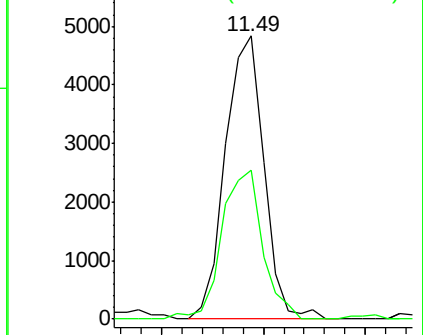
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 0.866 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018849.D

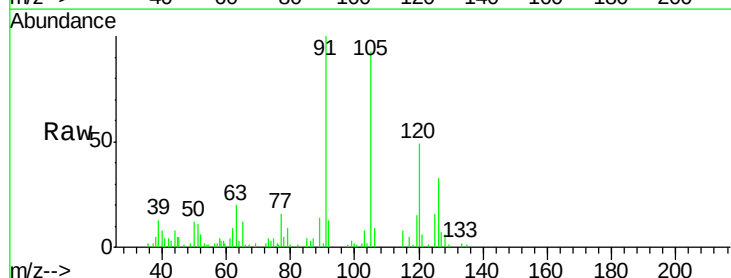
Acq: 09 Oct 2020 11:07

Tgt Ion: 91 Resp: 6919

Ion Ratio Lower Upper

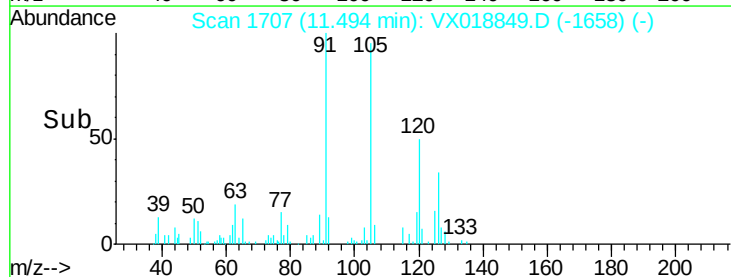
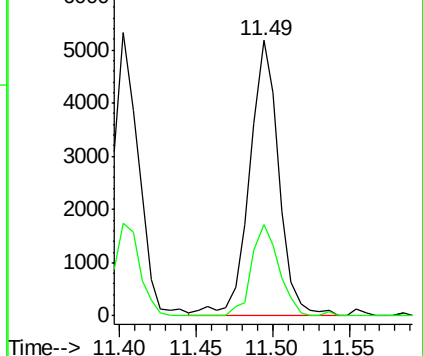
91 100

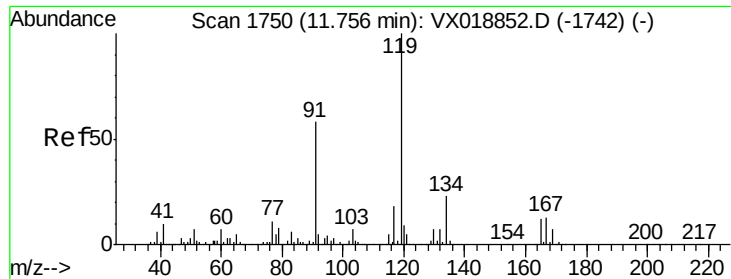
126 30.7 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





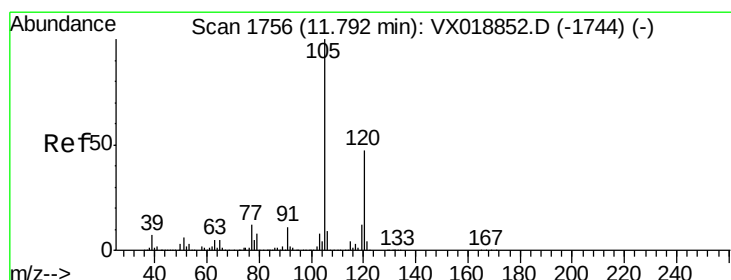
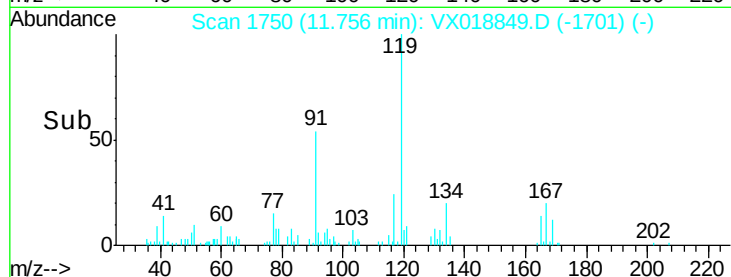
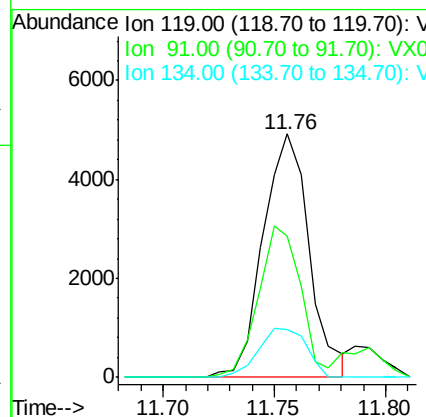
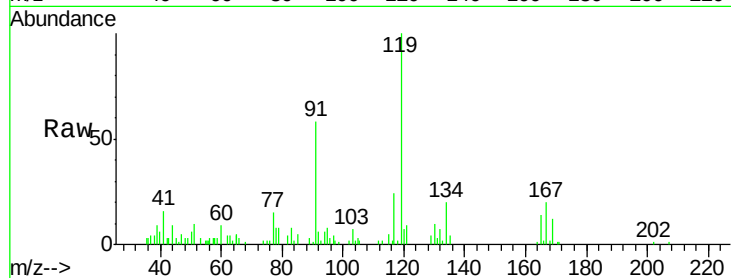
#83
 tert-Butylbenzene
 Concen: 0.893 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.6	85.9
134	21.0	11.7	35.0

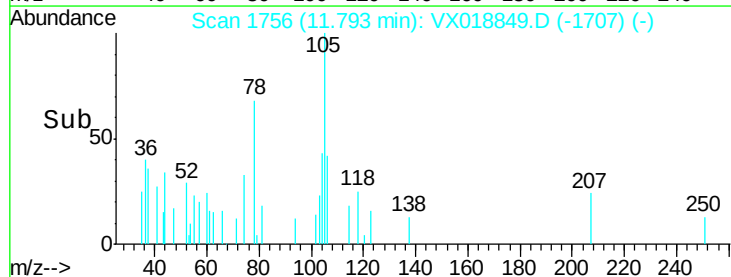
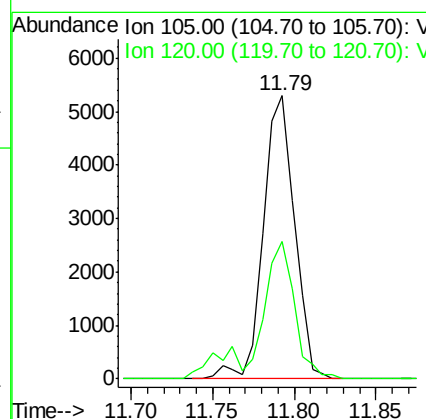
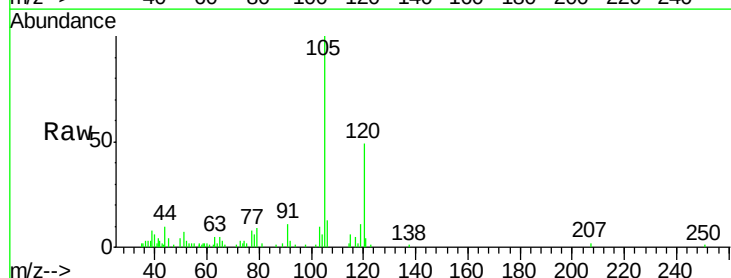
Manual Integrations
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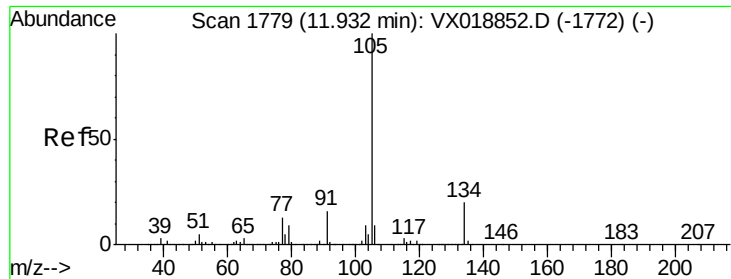
MMDadoda
 10/12/2020 2:23:16 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.861 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.8





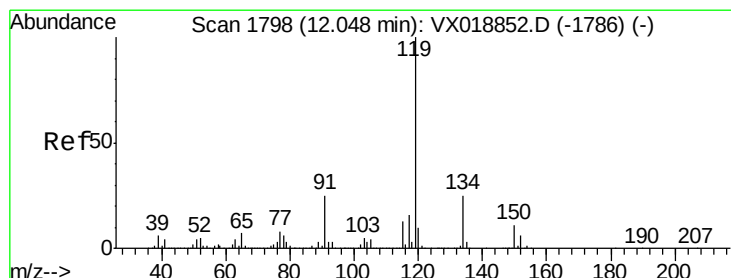
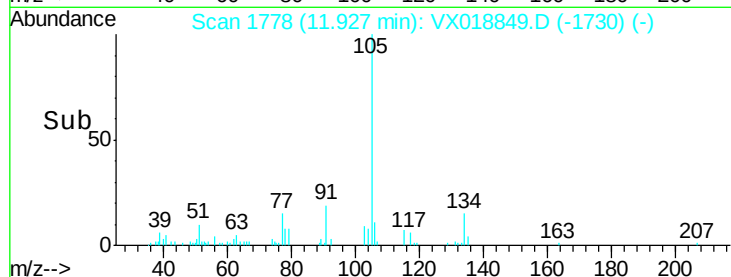
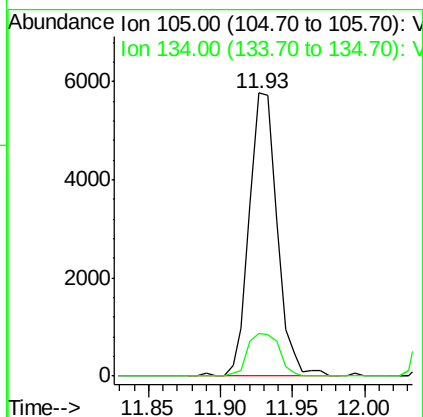
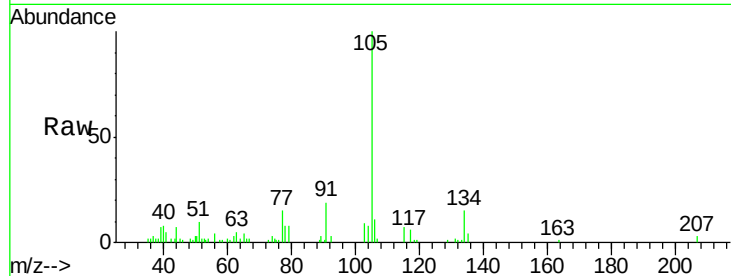
#85
 sec-Butylbenzene
 Concen: 0.833 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	16.9	10.2	30.4

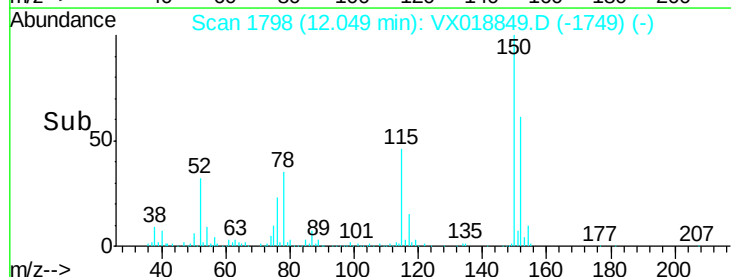
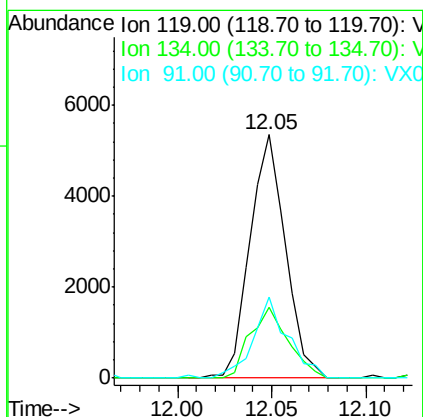
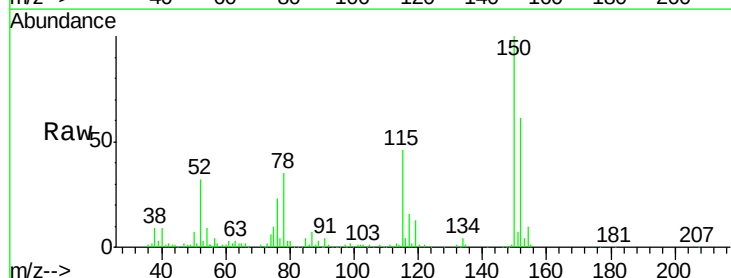
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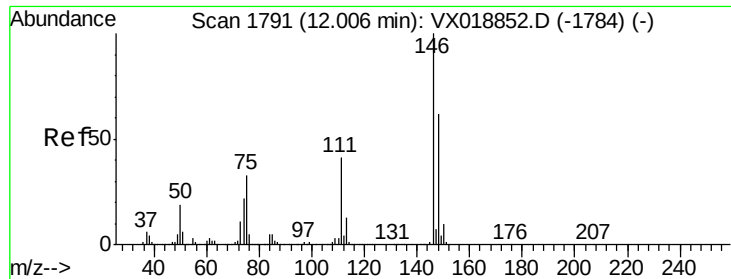
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 0.813 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	31.3	12.8	38.4
91	32.7	12.3	36.9





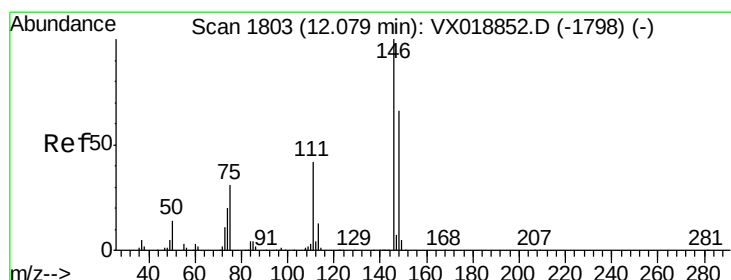
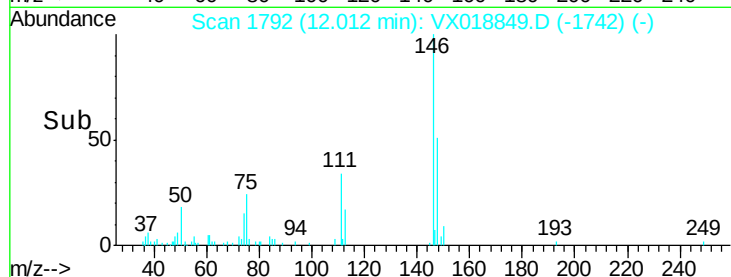
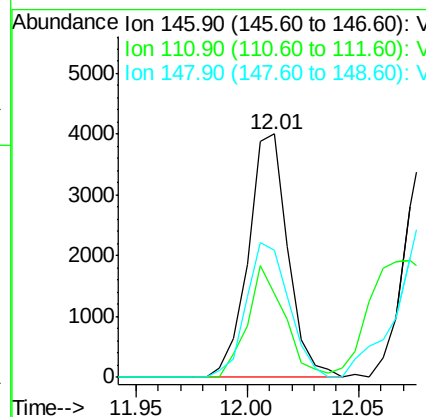
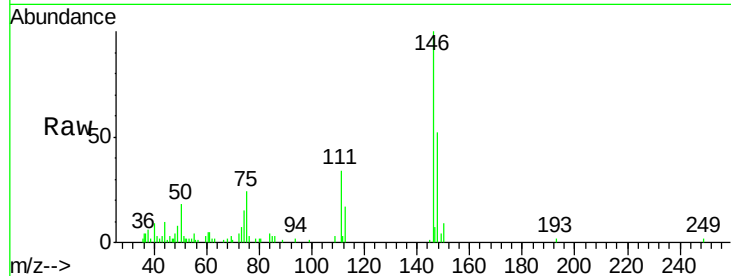
#87
 1,3-Dichlorobenzene
 Concen: 1.060 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.0	59.9
148	59.3	31.4	94.3

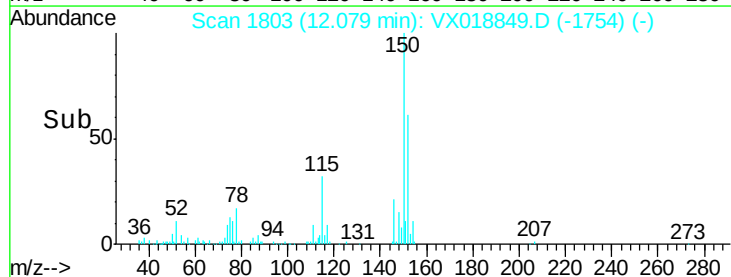
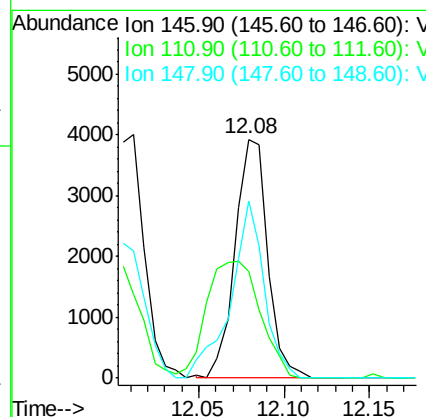
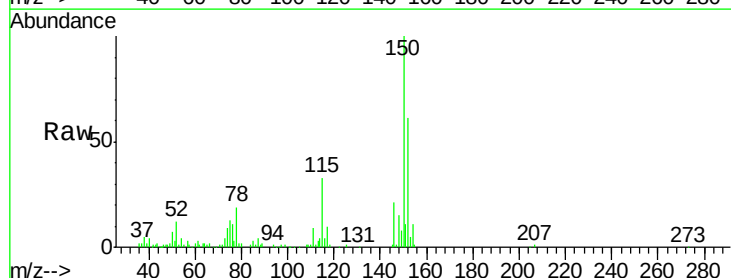
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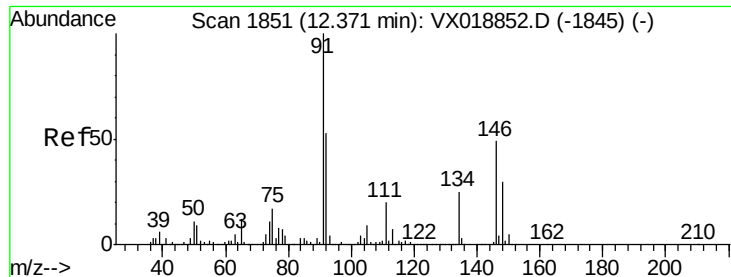
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#88
 1,4-Dichlorobenzene
 Concen: 1.105 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.5	61.5
148	56.3	32.2	96.6





#89

n-Butylbenzene

Concen: 0.855 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Instrument :

MSVOA_X

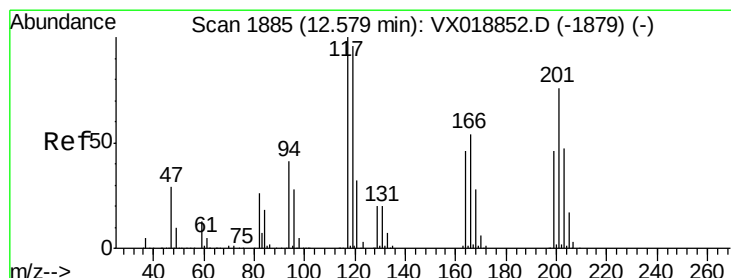
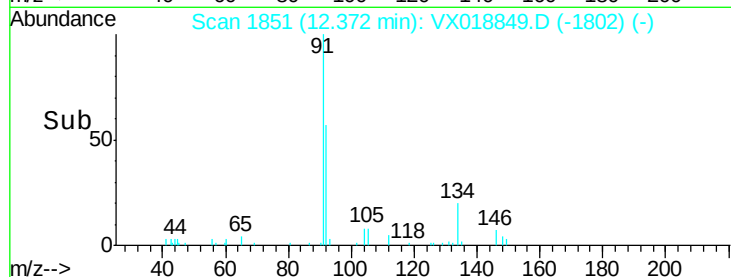
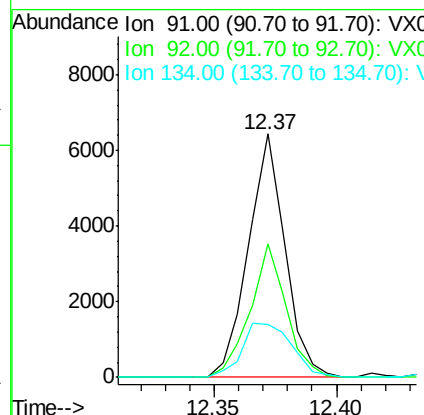
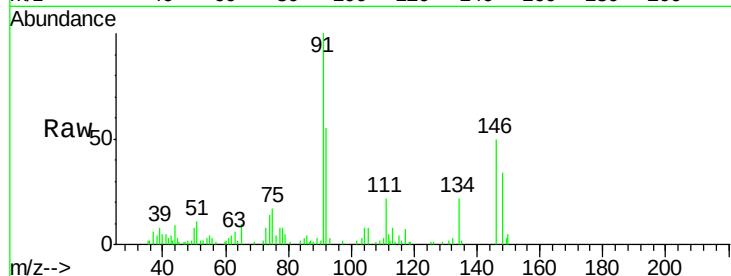
ClientSampleId :

VSTDIC001

Tot Ion:	91	Resp:	6710
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.7	80.0
134	29.9	13.5	40.4

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#90

Hexachloroethane

Concen: 1.011 ug/l

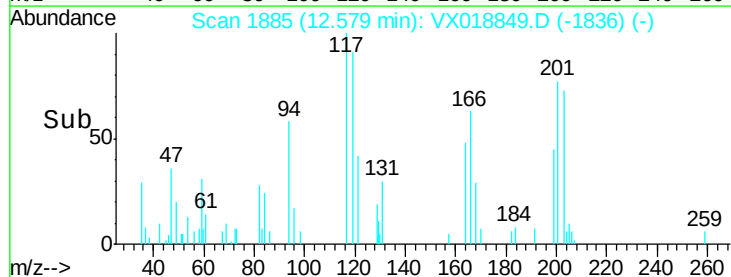
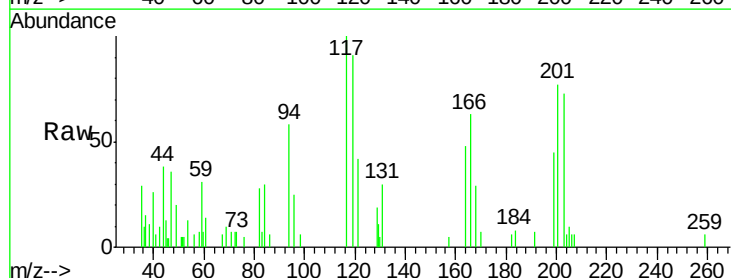
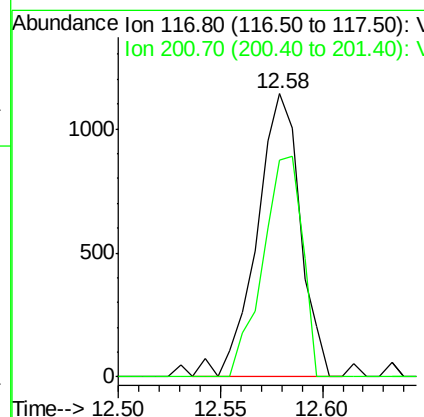
RT: 12.58 min Scan# 1885

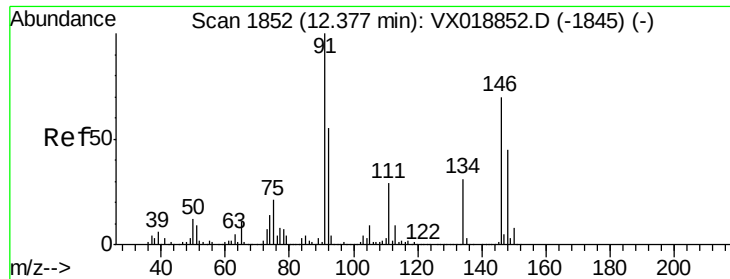
Delta R.T. 0.00 min

Lab File: VX018849.D

Acq: 09 Oct 2020 11:07

Tgt Ion:	117	Resp:	1700
Ion	Ratio	Lower	Upper
117	100		
201	70.8	37.4	112.2





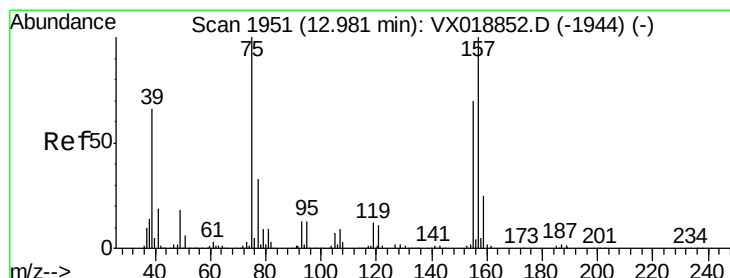
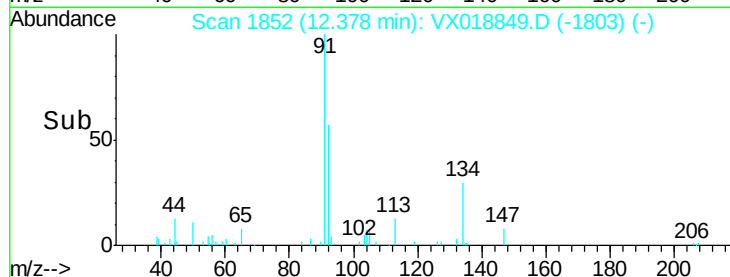
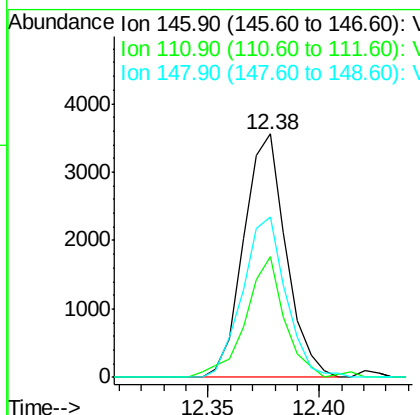
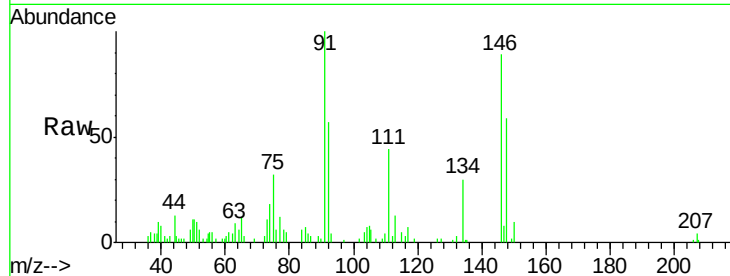
#91
 1,2-Dichlorobenzene
 Concen: 1.065 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.5	20.6	61.9
148	67.3	31.1	93.2

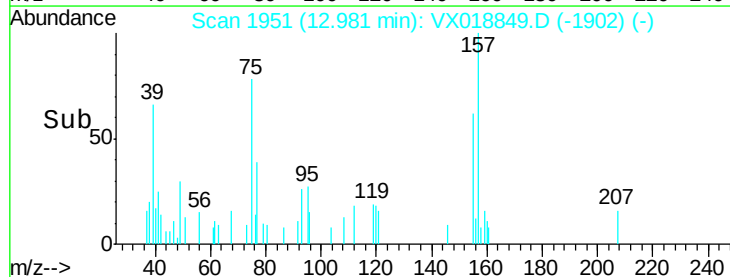
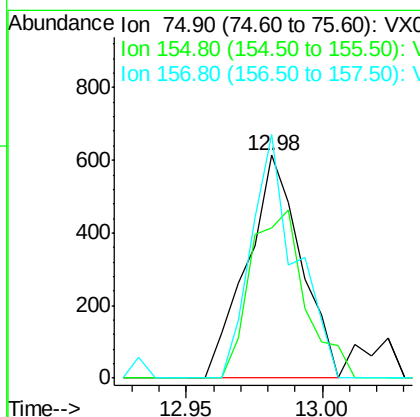
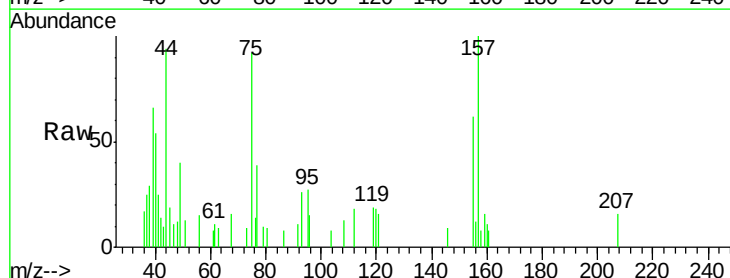
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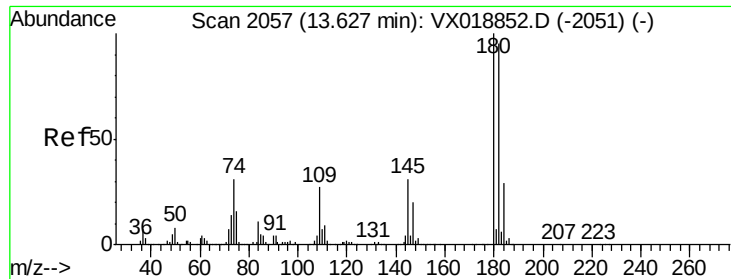
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.102 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	38.0	113.9
157	90.6	50.9	152.7





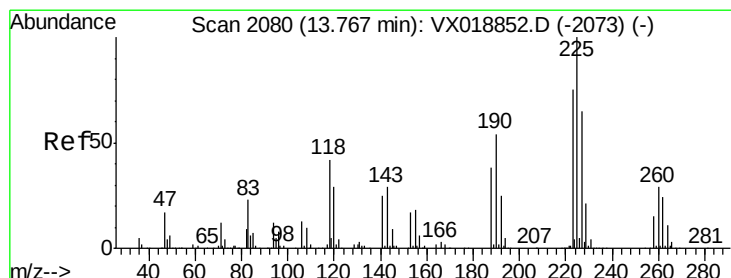
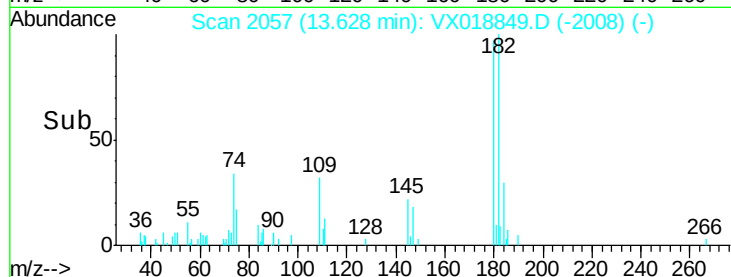
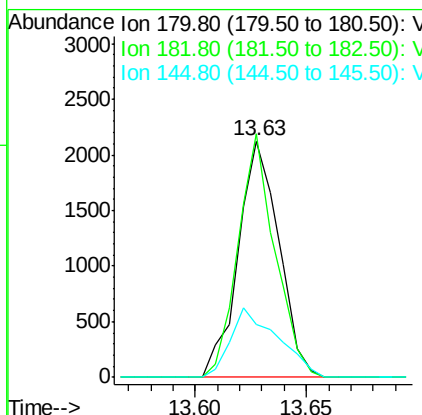
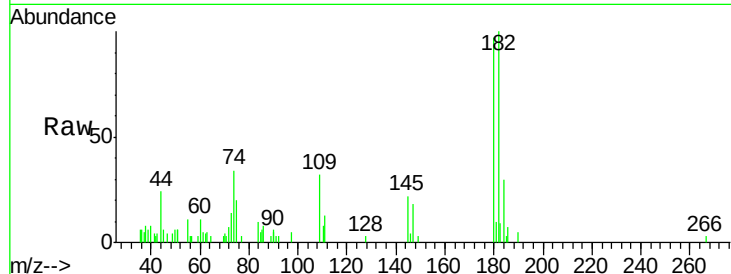
#93
 1,2,4-Trichlorobenzene
 Concen: 0.889 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	49.1	147.3
145	34.1	16.0	48.0

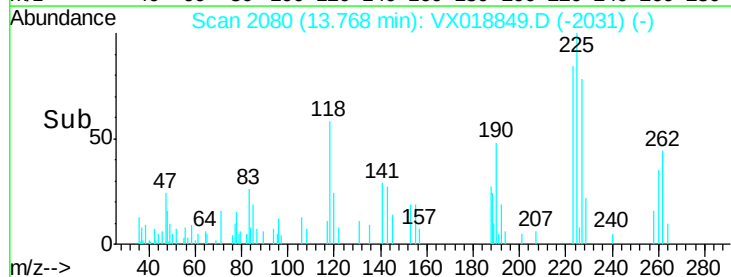
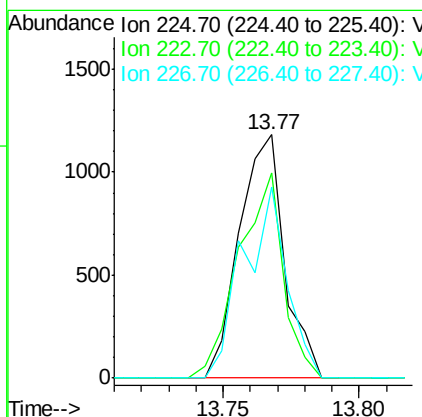
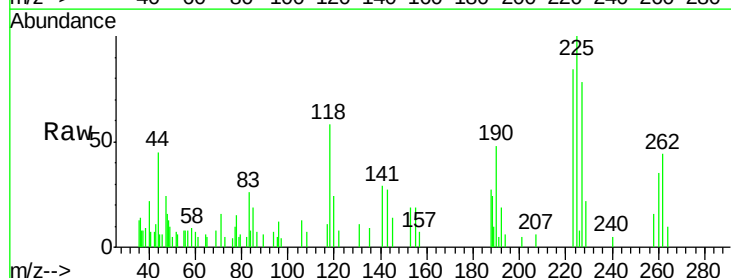
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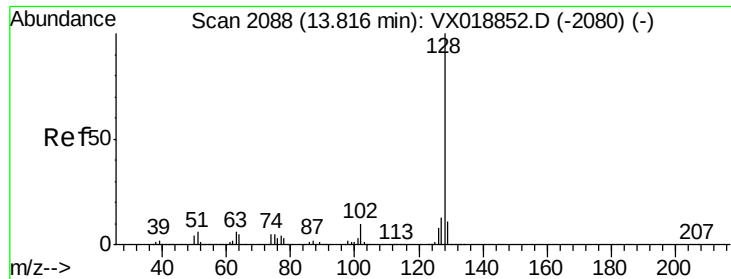
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#94
 Hexachlorobutadiene
 Concen: 1.060 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018849.D
 Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	83.1	32.1	96.3
227	76.2	33.0	98.9





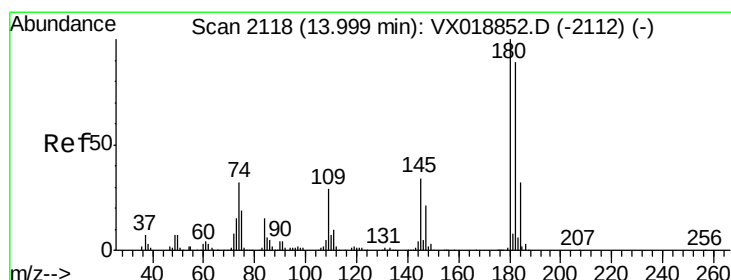
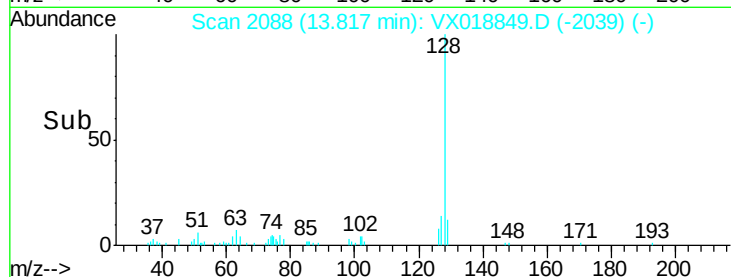
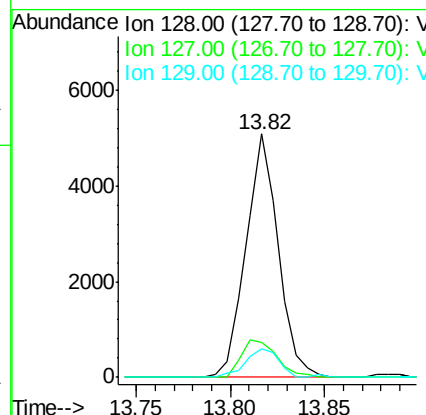
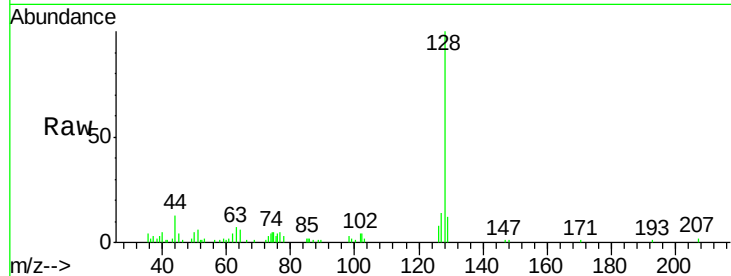
#95
Naphthalene
Concen: 0.660 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.1	15.1#
129	11.9	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 0.921 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018849.D
Acq: 09 Oct 2020 11:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	47.7	143.1
145	32.0	16.7	50.0

