

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019134.D
 Acq On : 27 Oct 2020 13:03
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:11 PM

Quant Time: Oct 27 13:37:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:11:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	486928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	374459	105.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.38%	
35) Dibromofluoromethane	5.46	113	307234	102.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.38%	
50) Toluene-d8	8.70	98	1151122	99.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.62%	
62) 4-Bromofluorobenzene	11.12	95	438937	106.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	259268	110.320	ug/l	98
3) Chloromethane	1.31	50	276483	109.254	ug/l	98
4) Vinyl Chloride	1.39	62	331333	104.784	ug/l	100
5) Bromomethane	1.64	94	211647	105.958	ug/l	99
6) Chloroethane	1.71	64	207939	97.544	ug/l	97
7) Trichlorofluoromethane	1.92	101	526354	97.951	ug/l	98
8) Diethyl Ether	2.17	74	201379	95.095	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	293500	107.391	ug/l	99
10) Methyl Iodide	2.49	142	358316	118.666	ug/l	99
11) Tert butyl alcohol	3.02	59	379766m	523.327	ug/l	
12) 1,1-Dichloroethene	2.36	96	296983	107.388	ug/l	97
13) Acrolein	2.28	56	170741	485.009	ug/l	99
14) Allyl chloride	2.71	41	454042	123.482	ug/l	100
15) Acrylonitrile	3.12	53	828813	568.436	ug/l	99
16) Acetone	2.42	43	668541	570.990	ug/l	99
17) Carbon Disulfide	2.55	76	830020	108.321	ug/l	100
18) Methyl Acetate	2.75	43	329226	114.412	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1055321	110.453	ug/l	99
20) Methylene Chloride	2.84	84	333009	100.175	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	336701	103.557	ug/l	99
22) Diisopropyl ether	3.82	45	909208	117.076	ug/l	98
23) Vinyl Acetate	3.79	43	4110672	601.309	ug/l	99
24) 1,1-Dichloroethane	3.67	63	572032	112.729	ug/l	100
25) 2-Butanone	4.64	43	1090300	583.852	ug/l	100
26) 2,2-Dichloropropane	4.55	77	531917	111.418	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	385078	105.280	ug/l	100
28) Bromochloromethane	4.98	49	250434	114.087	ug/l	99
29) Tetrahydrofuran	5.09	42	700176	588.972	ug/l	99
30) Chloroform	5.18	83	606783	107.902	ug/l	99
31) Cyclohexane	5.55	56	497862	110.814	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	559264	111.476	ug/l	99
36) 1,1-Dichloropropene	5.77	75	466577	109.271	ug/l	100
37) Ethyl Acetate	4.79	43	438629	116.442	ug/l	100
38) Carbon Tetrachloride	5.76	117	491638	111.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	573233	109.499	ug/l	99
40) Benzene	6.12	78	1336722	106.800	ug/l	99
41) Methacrylonitrile	5.00	41	233524	120.110	ug/l	99
42) 1,2-Dichloroethane	6.16	62	485614	113.515	ug/l	100
43) Isopropyl Acetate	6.41	43	735529	119.345	ug/l	100
44) Trichloroethene	7.19	130	380580	106.189	ug/l	99
45) 1,2-Dichloropropane	7.49	63	332161	112.843	ug/l	98
46) Dibromomethane	7.64	93	240751	108.560	ug/l	99
47) Bromodichloromethane	7.88	83	490713	113.144	ug/l	99
48) Methyl methacrylate	7.74	41	357849	123.131	ug/l	99
49) 1,4-Dioxane	7.73	88	159060	2121.349	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2115398	587.564	ug/l	99
52) Toluene	8.77	92	865942	106.958	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	558543	116.516	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	588393	115.255	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	341000	105.787	ug/l	99
56) Ethyl methacrylate	9.16	69	535396	115.049	ug/l	100
57) 1,3-Dichloropropane	9.35	76	568572	107.719	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1396929	554.160	ug/l	100
59) 2-Hexanone	9.48	43	1593124	581.694	ug/l	99
60) Dibromochloromethane	9.57	129	389179	113.265	ug/l	100
61) 1,2-Dibromoethane	9.65	107	366012	107.009	ug/l	99
64) Tetrachloroethene	9.32	164	328781	99.405	ug/l	98
65) Chlorobenzene	10.12	112	915824	105.688	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	343515	110.838	ug/l	99
67) Ethyl Benzene	10.24	91	1654543	109.100	ug/l	98
68) m/p-Xylenes	10.34	106	1261334	216.418	ug/l	100
69) o-Xylene	10.68	106	604585	108.243	ug/l	97
70) Styrene	10.70	104	1032973	111.001	ug/l	100
71) Bromoform	10.84	173	287512	117.789	ug/l	# 100
73) Isopropylbenzene	11.00	105	1620737	111.298	ug/l	100
74) N-amyl acetate	10.88	43	606774	128.507	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	506128	111.279	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	464854m	114.815	ug/l	
77) Bromobenzene	11.24	156	396147	108.632	ug/l	98
78) n-propylbenzene	11.34	91	1847610	113.063	ug/l	100
79) 2-Chlorotoluene	11.40	91	1075983	111.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1367789	113.818	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	185229	120.917	ug/l	98
82) 4-Chlorotoluene	11.49	91	1304265	114.643	ug/l	100
83) tert-Butylbenzene	11.76	119	1336504	113.847	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1377760	113.376	ug/l	99
85) sec-Butylbenzene	11.93	105	1596244	113.267	ug/l	100
86) p-Isopropyltoluene	12.05	119	1463208	112.155	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	732630	108.564	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	742811	105.634	ug/l	98
89) n-Butylbenzene	12.37	91	1380794	116.101	ug/l	100
90) Hexachloroethane	12.58	117	267355	122.493	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	696942	105.458	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	128566	127.999	ug/l	99

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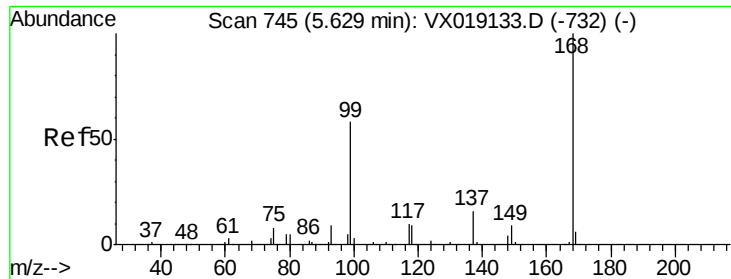
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	525478	114.071	ug/l	99
94) Hexachlorobutadiene	13.76	225	221484	108.219	ug/l	97
95) Naphthalene	13.82	128	1723820	118.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	511177	113.106	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 295920

Ion Ratio Lower Upper

168 100

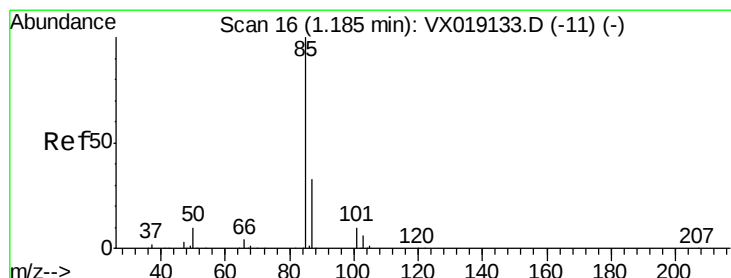
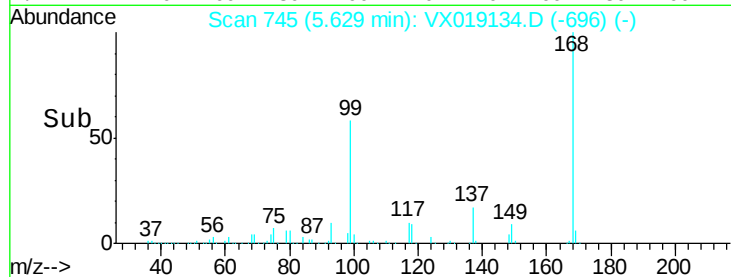
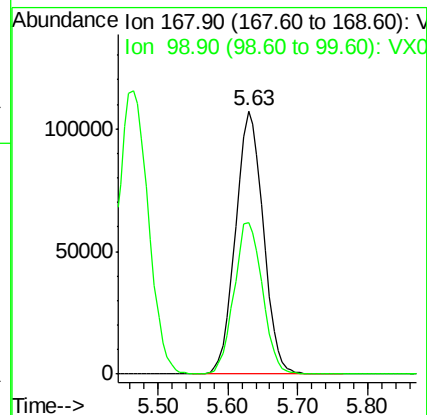
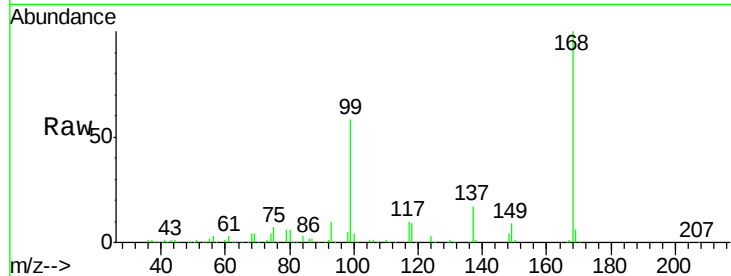
99 57.4 46.6 69.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 110.320 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019134.D

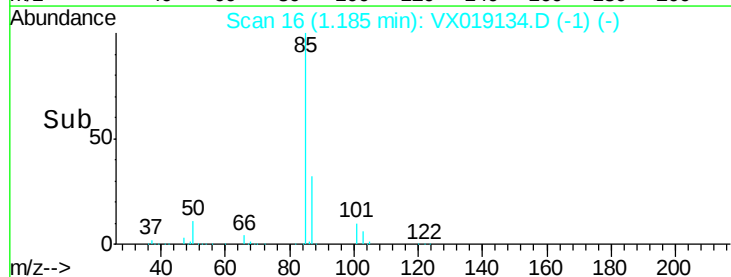
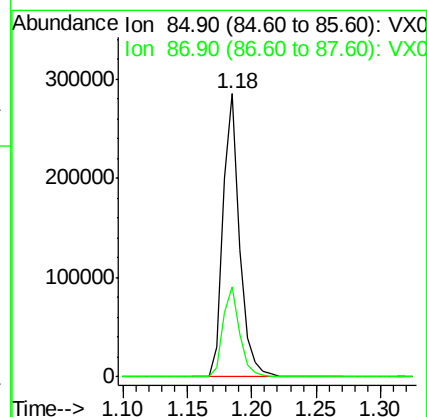
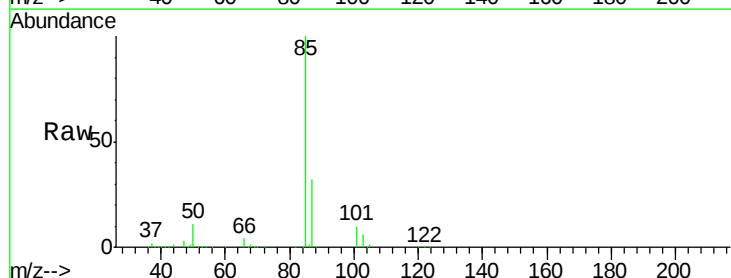
Acq: 27 Oct 2020 13:03

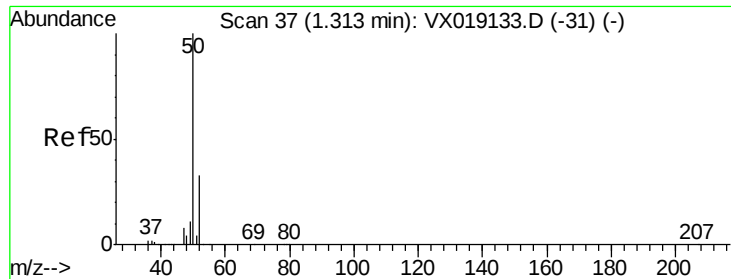
Tgt Ion: 85 Resp: 259268

Ion Ratio Lower Upper

85 100

87 31.9 16.6 49.7





#3

Chloromethane

Concen: 109.254 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 276483

Ion Ratio Lower Upper

50 100

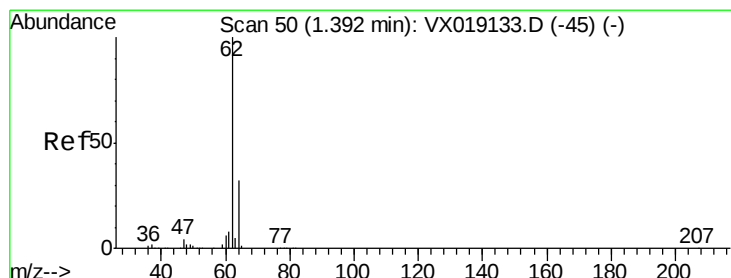
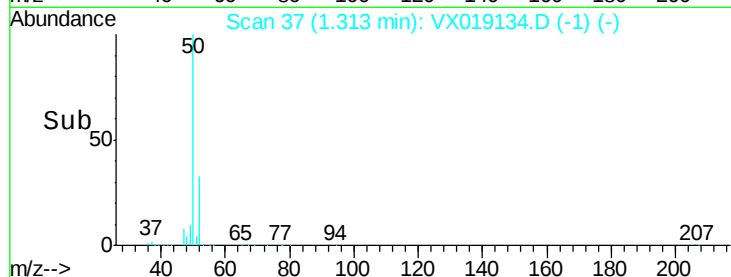
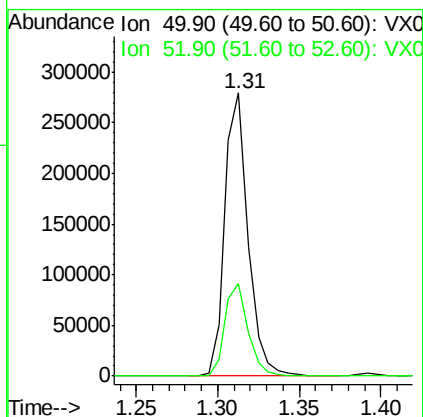
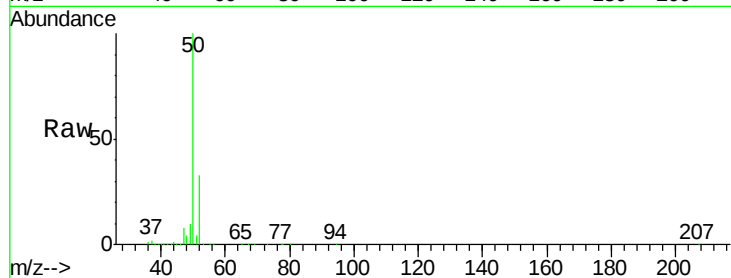
52 32.6 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 104.784 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019134.D

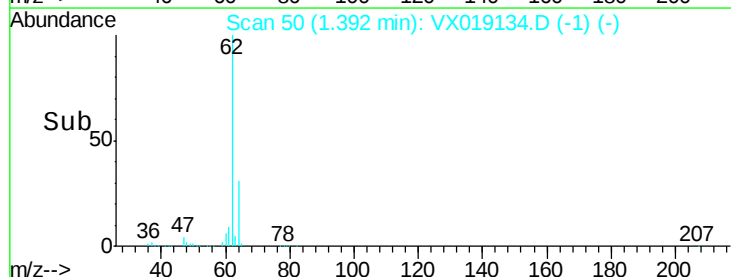
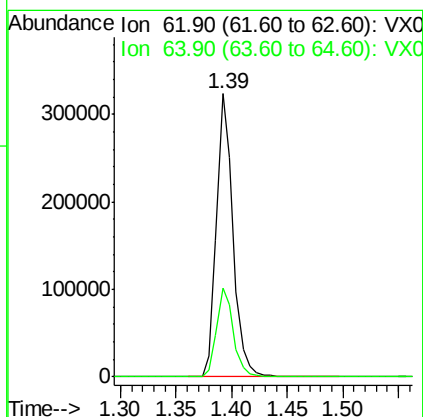
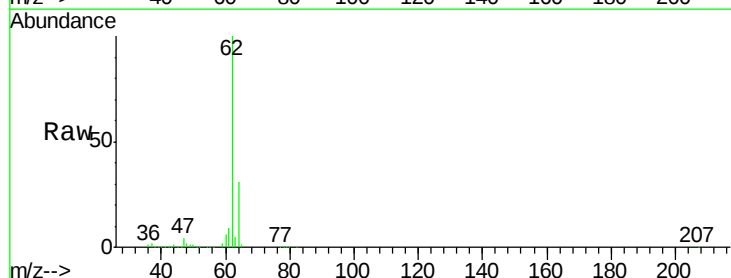
Acq: 27 Oct 2020 13:03

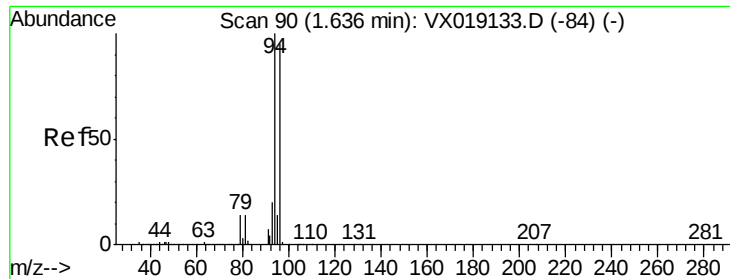
Tgt Ion: 62 Resp: 331333

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 105.958 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 211647

Ion Ratio Lower Upper

94 100

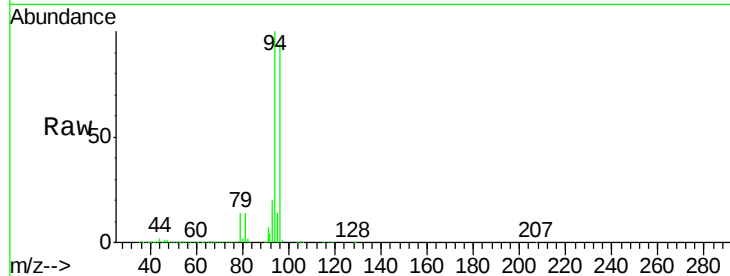
96 94.3 76.0 114.0

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

200000

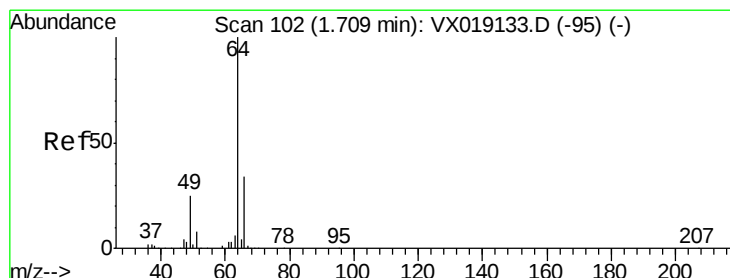
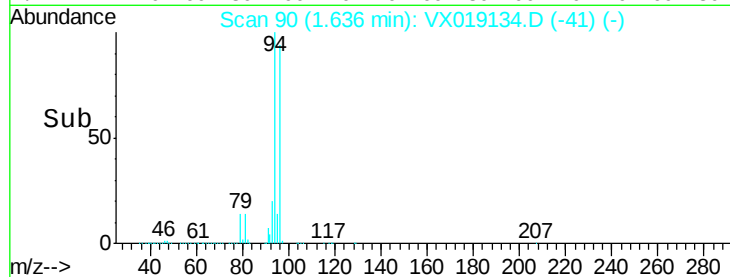
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 97.544 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019134.D

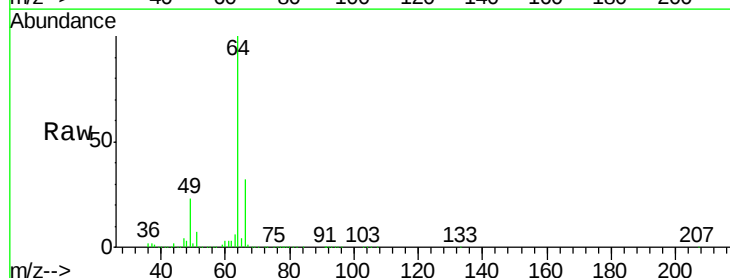
Acq: 27 Oct 2020 13:03

Tgt Ion: 64 Resp: 207939

Ion Ratio Lower Upper

64 100

66 32.4 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

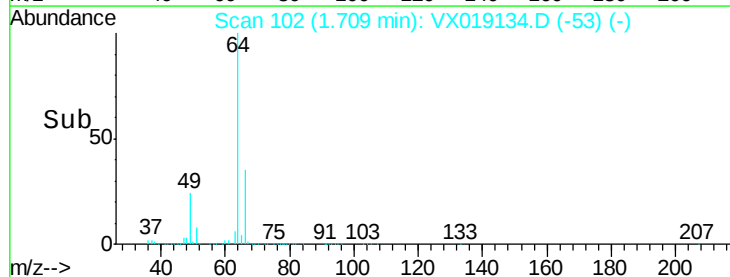
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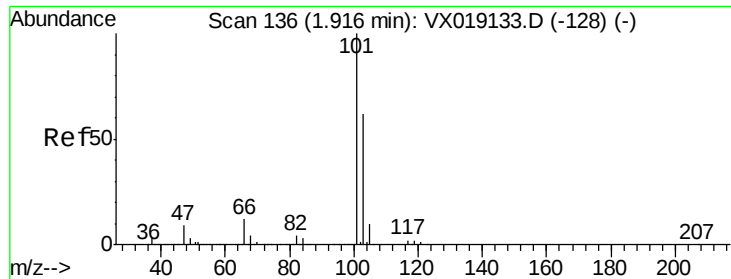
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50000

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Time-->





#7

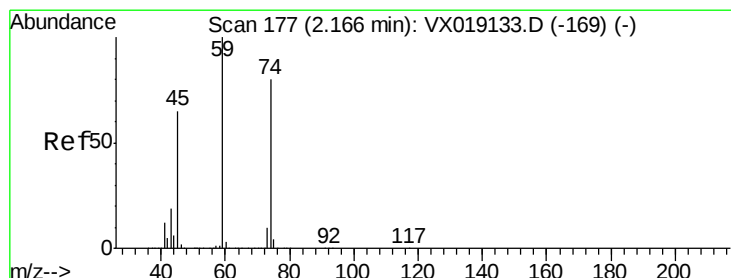
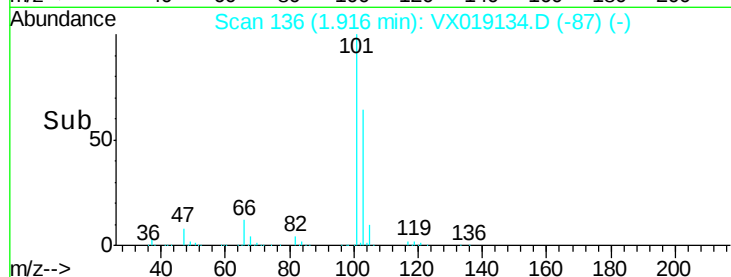
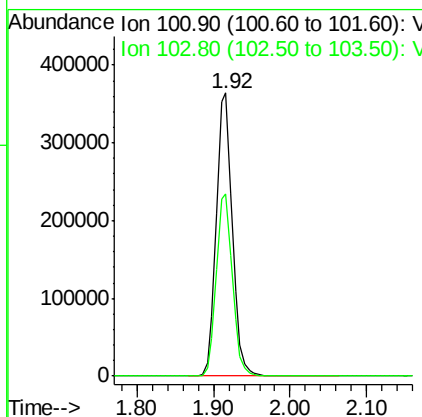
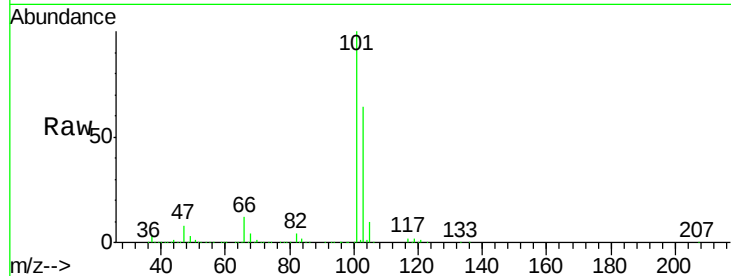
Trichlorofluoromethane
Concen: 97.951 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.0	75.0

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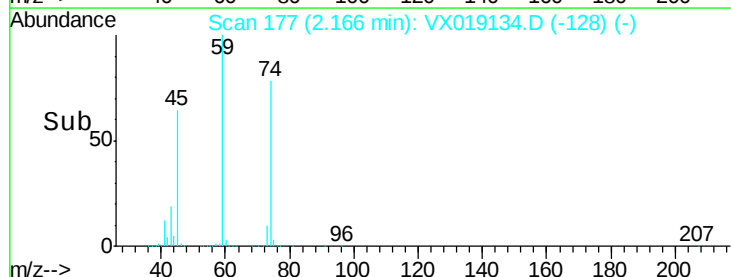
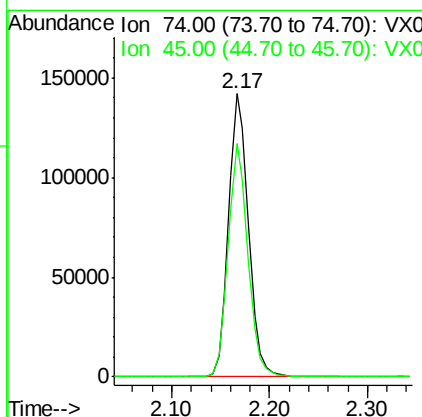
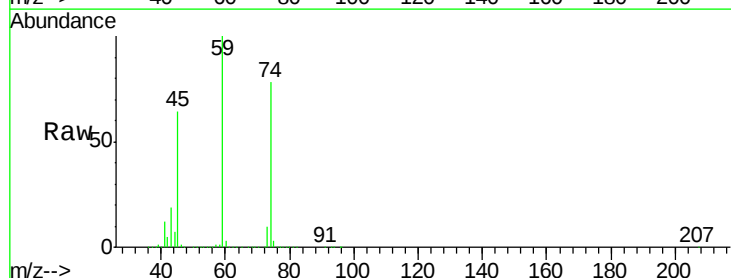
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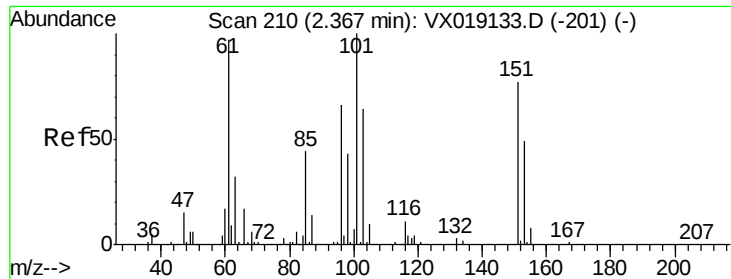


#8

Diethyl Ether
Concen: 95.095 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.7	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 107.391 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

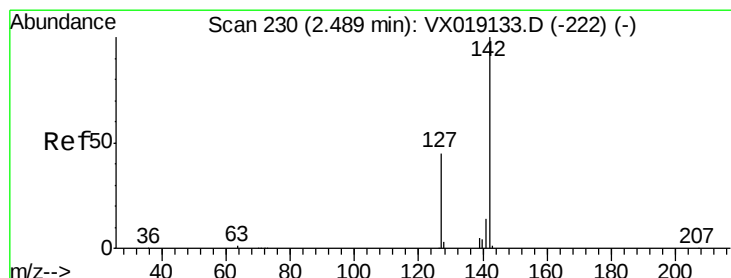
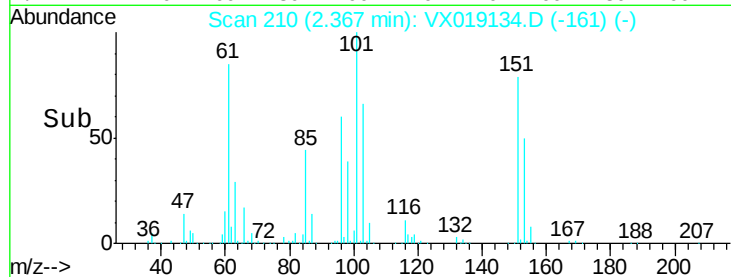
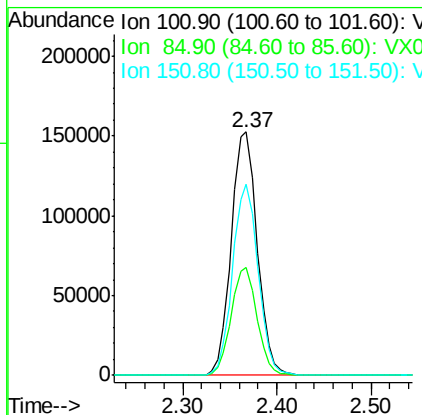
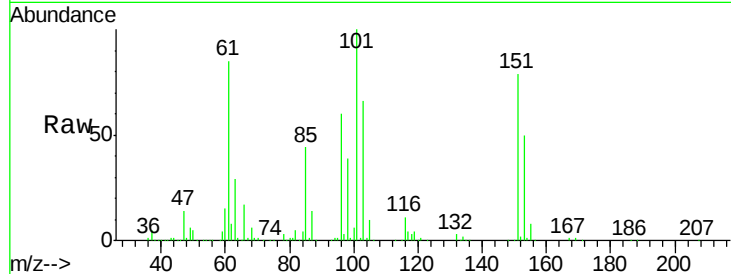
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	293500
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.0	52.4
151	77.4	61.4	92.2

Manual Integrations
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#10

Methyl Iodide

Concen: 118.666 ug/l

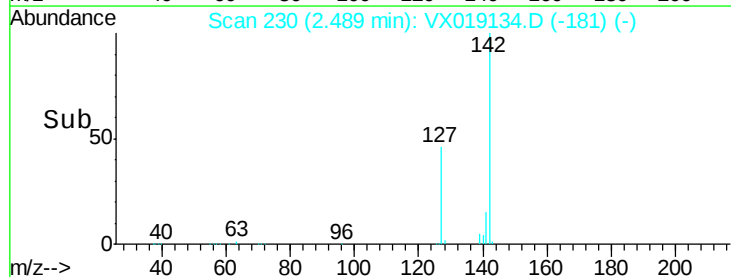
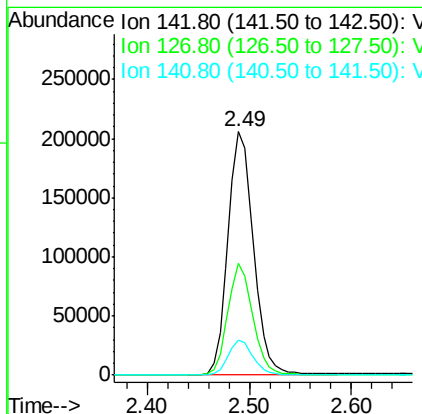
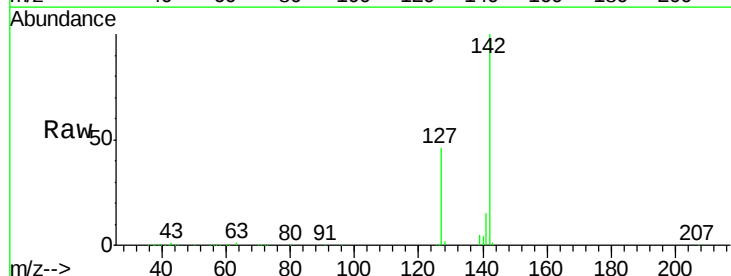
RT: 2.49 min Scan# 230

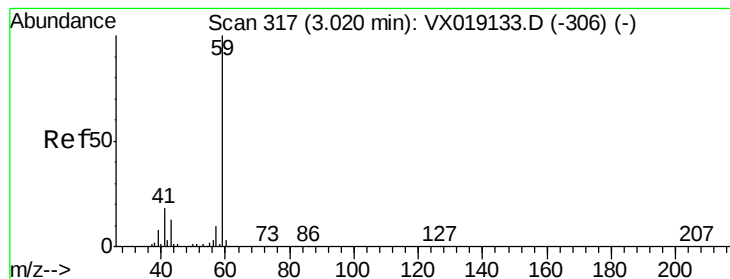
Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion:	142	Resp:	358316
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.1	54.1
141	14.2	11.3	16.9





#11

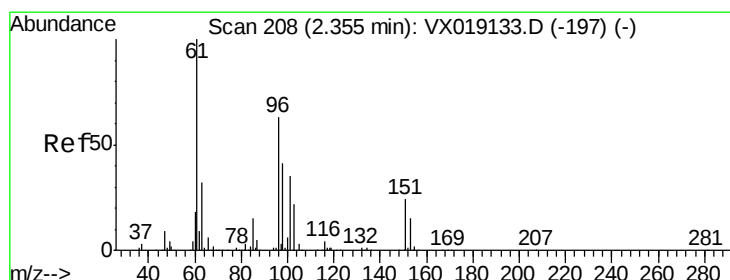
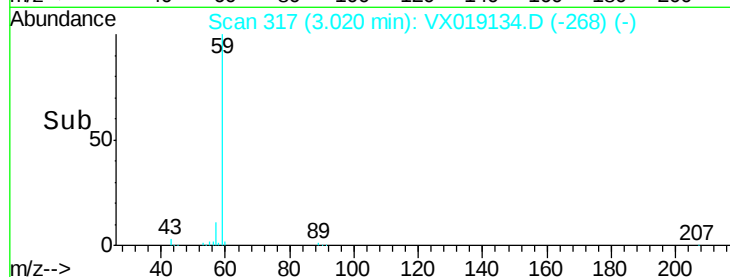
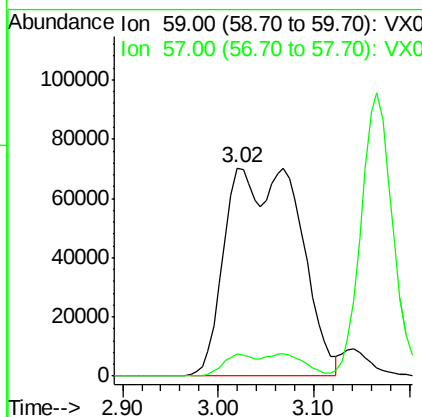
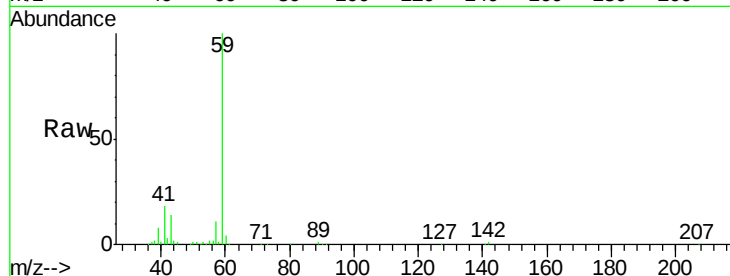
Tert butyl alcohol
Concen: 523.327 ug/l m
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
59	100	379766		
57	4.3		8.4	12.6#

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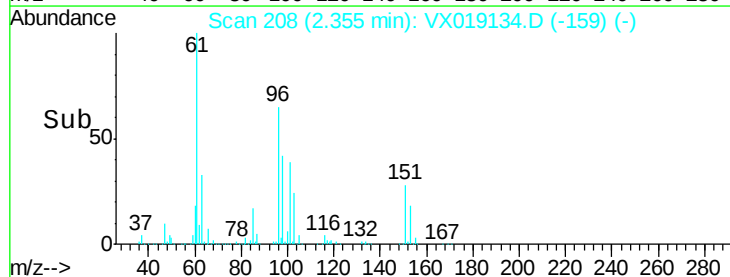
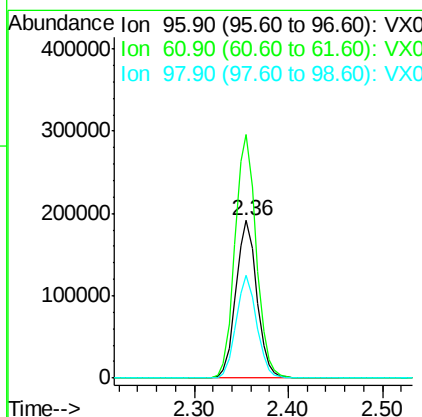
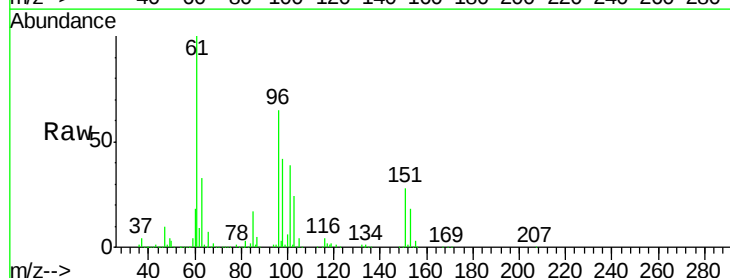
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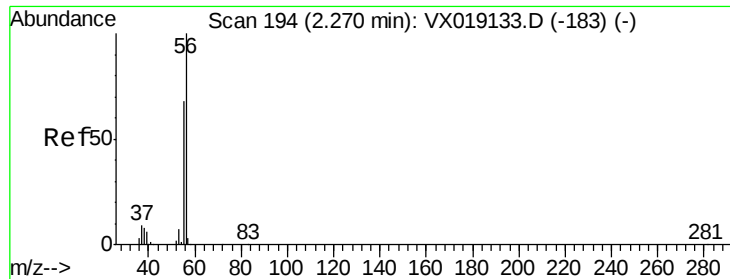


#12

1,1-Dichloroethene
Concen: 107.388 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	296983		
61	154.3		127.7	191.5
98	64.9		52.1	78.1





#13

Acrolein

Concen: 485.009 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 170741

Ion Ratio Lower Upper

56 100

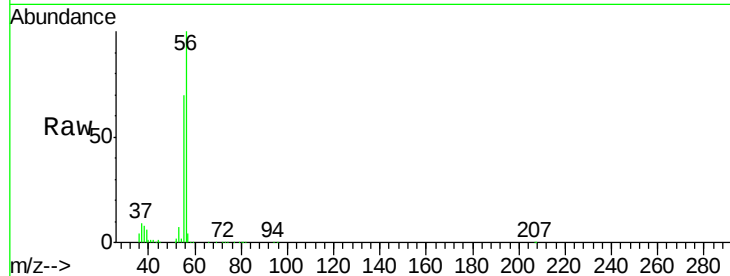
55 69.4 54.7 82.1

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

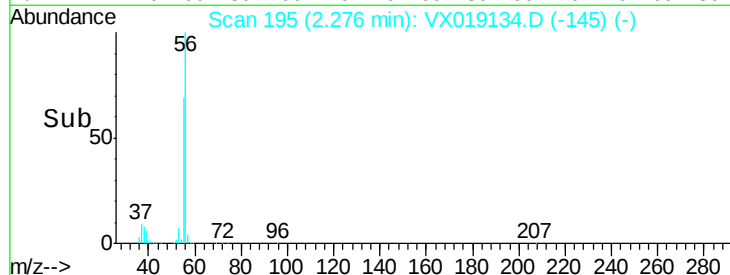
60000

40000

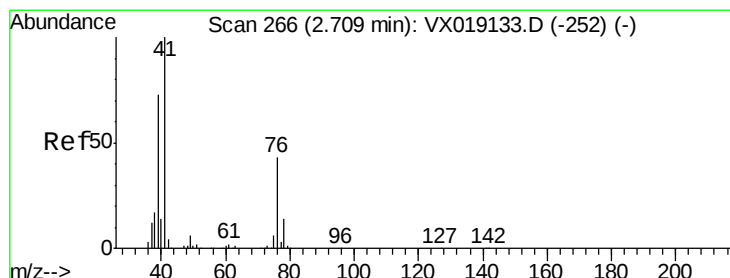
20000

0

Time-->



Time-->



#14

Allyl chloride

Concen: 123.482 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

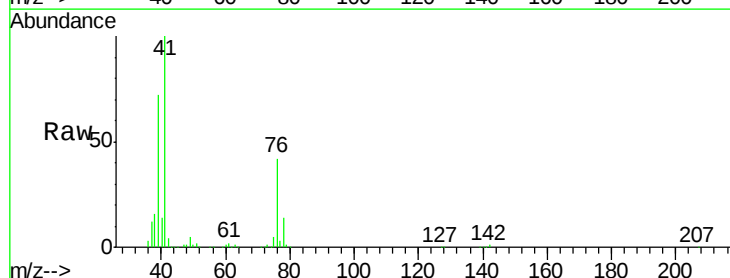
Tgt Ion: 41 Resp: 454042

Ion Ratio Lower Upper

41 100

39 69.3 55.2 82.8

76 39.8 31.5 47.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

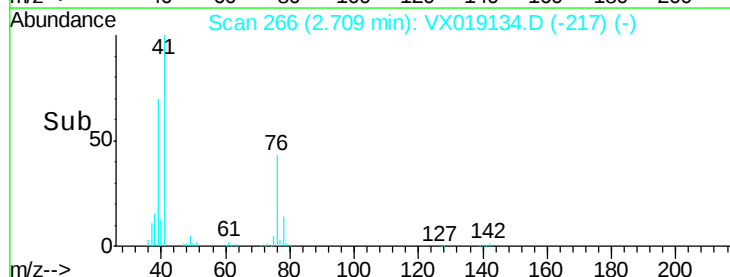
300000

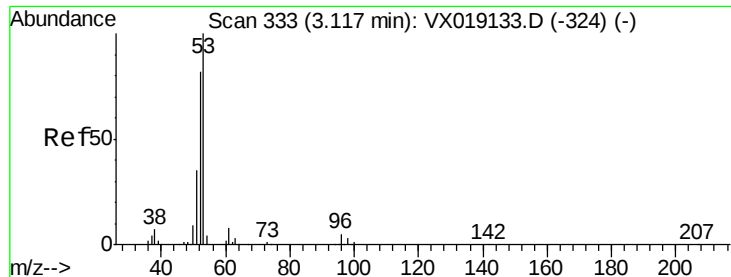
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 568.436 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

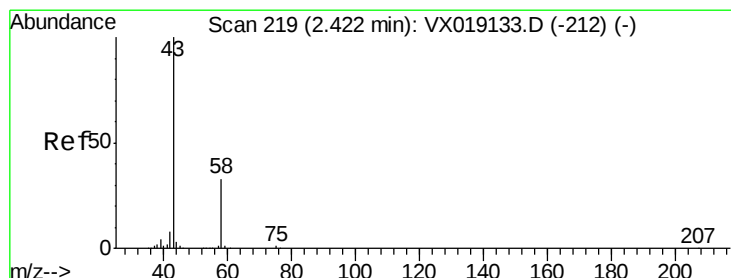
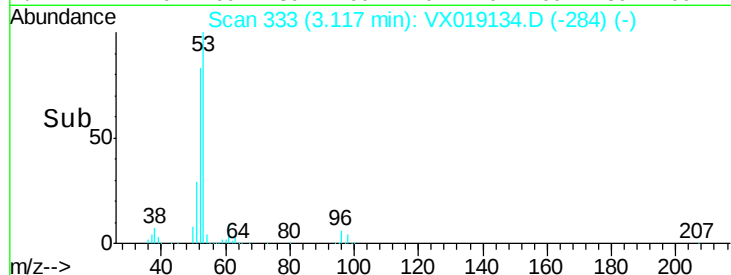
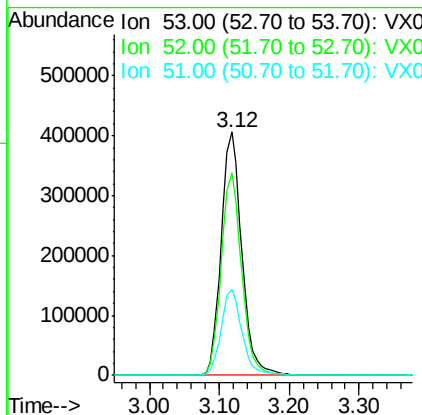
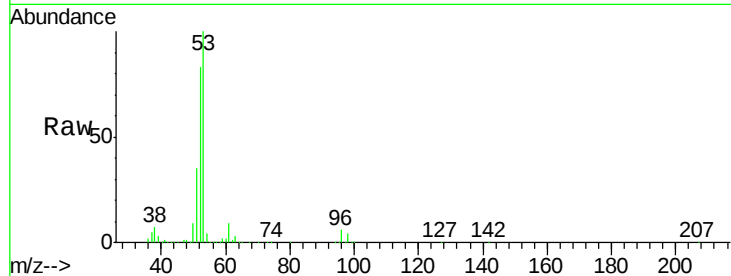
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	828813
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.7	98.5
51	36.0	28.4	42.6

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#16

Acetone

Concen: 570.990 ug/l

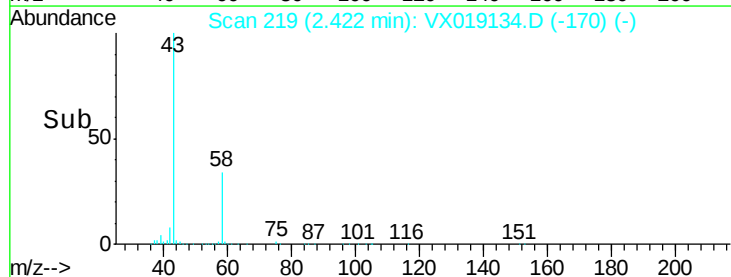
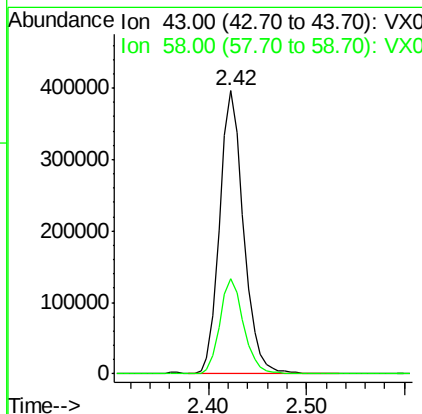
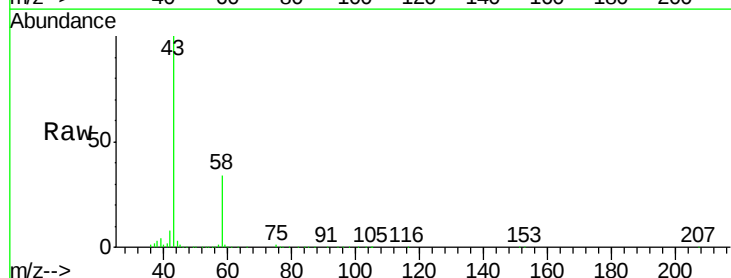
RT: 2.42 min Scan# 219

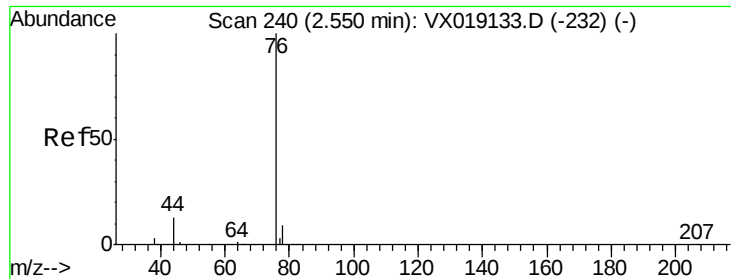
Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion:	43	Resp:	668541
Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.3	39.5





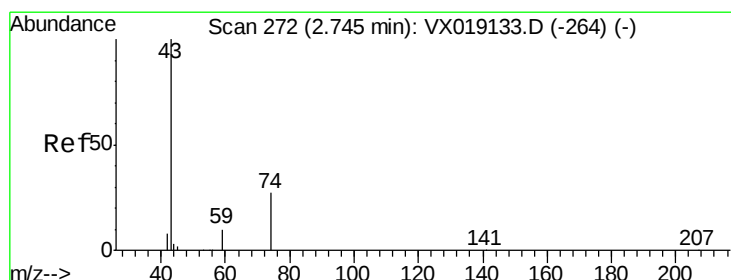
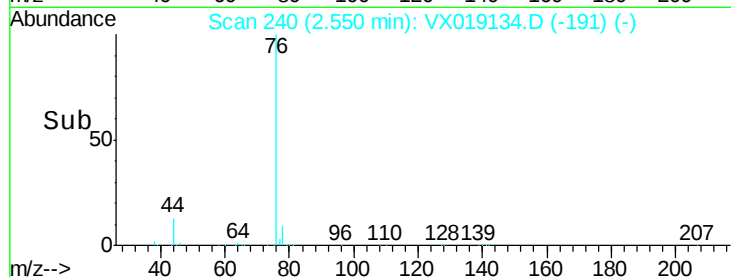
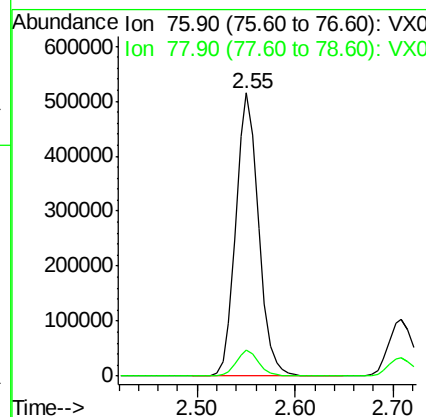
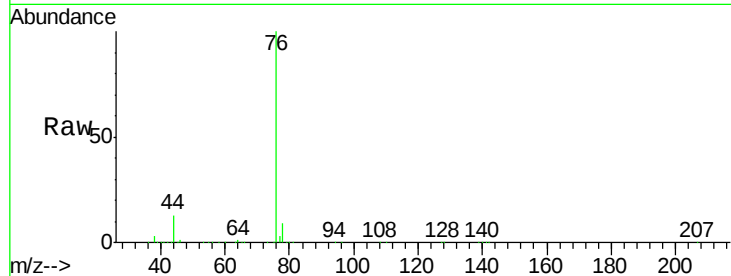
#17
Carbon Disulfide
Concen: 108.321 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

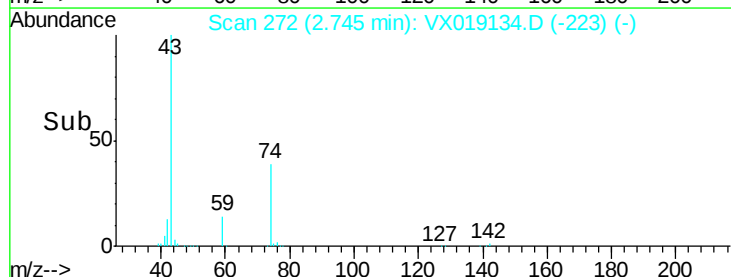
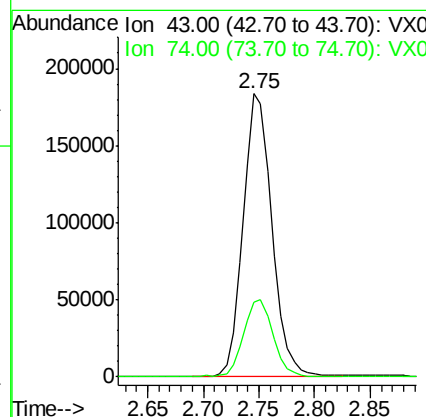
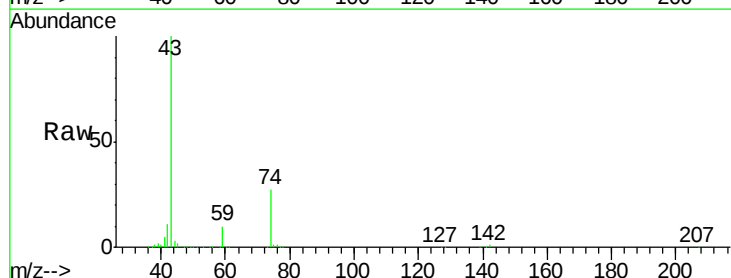
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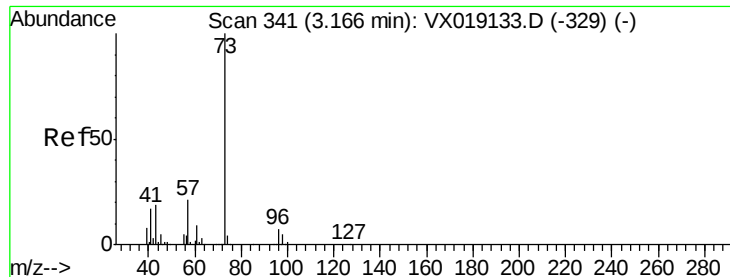
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#18
Methyl Acetate
Concen: 114.412 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.4	22.6	33.8





#19

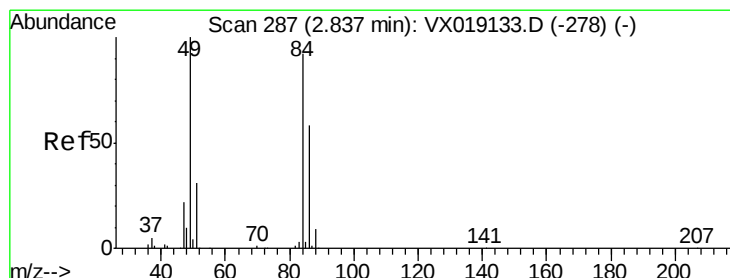
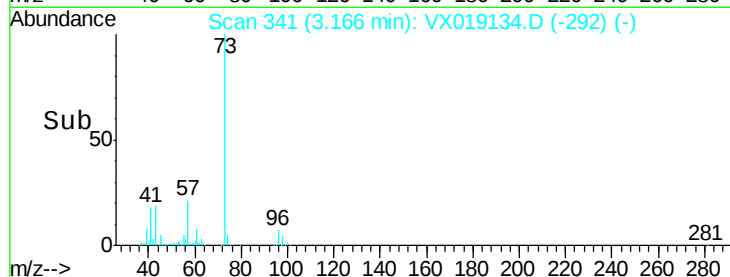
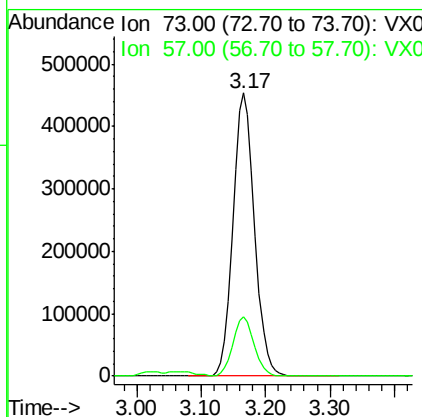
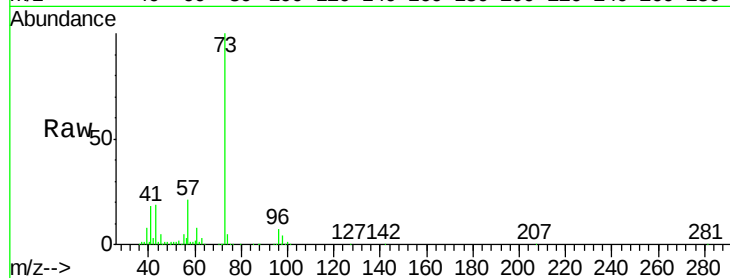
Methyl tert-butyl Ether
Concen: 110.453 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 1055321
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

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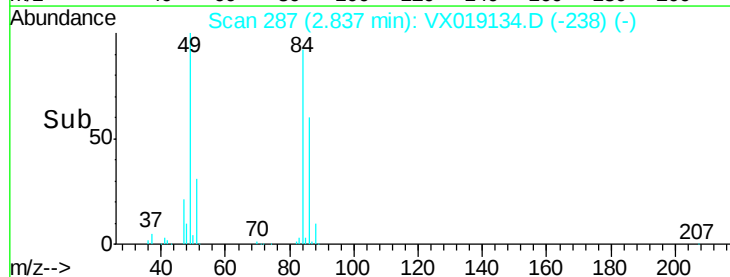
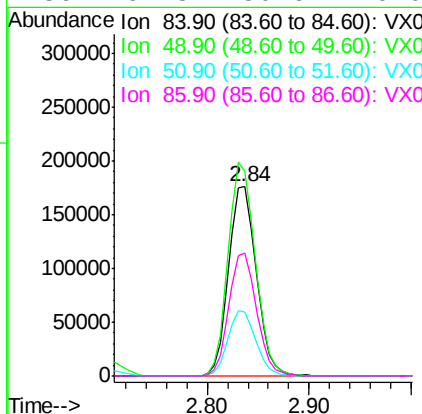
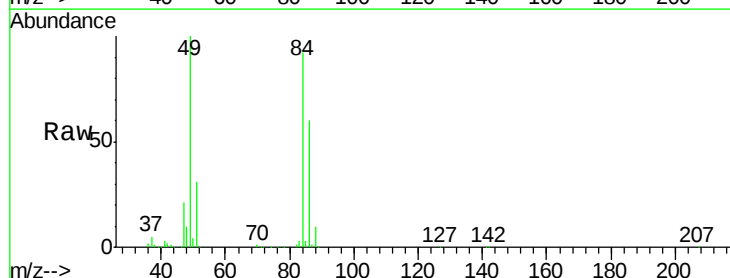
MMDadoda
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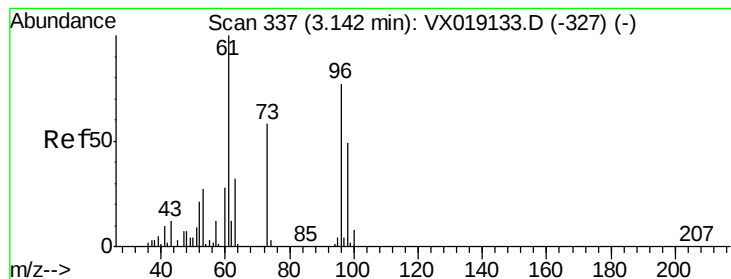


#20

Methylene Chloride
Concen: 100.175 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 84 Resp: 333009
Ion Ratio Lower Upper
84 100
49 108.4 86.8 130.2
51 33.7 27.3 40.9
86 64.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 103.557 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

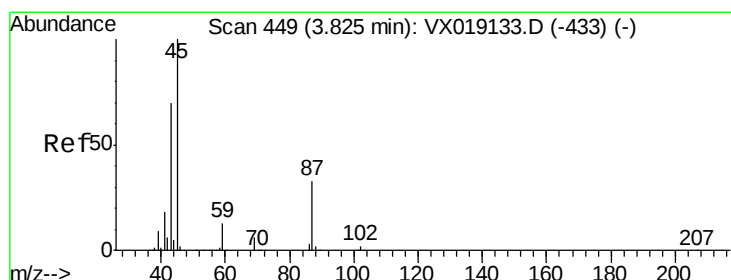
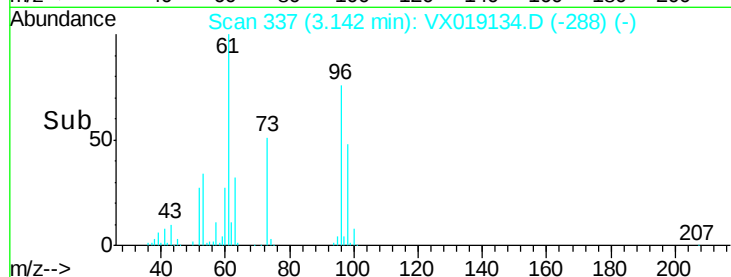
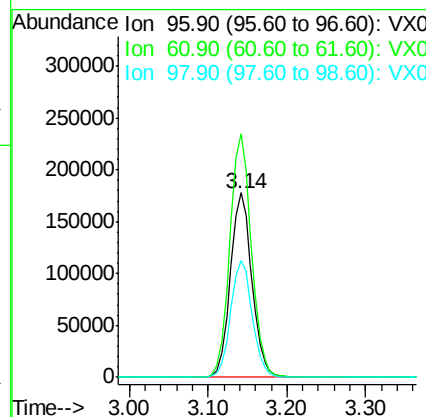
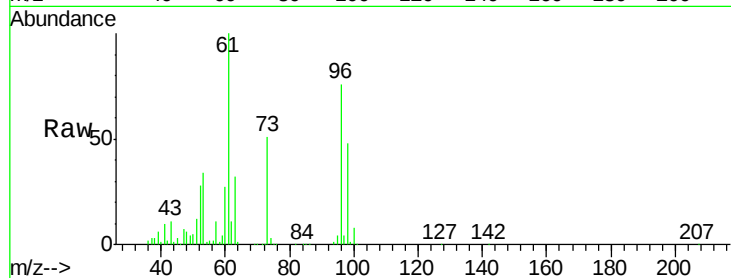
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	336701
Ion	Ratio	Lower	Upper
96	100		
61	132.1	104.2	156.4
98	63.3	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 117.076 ug/l

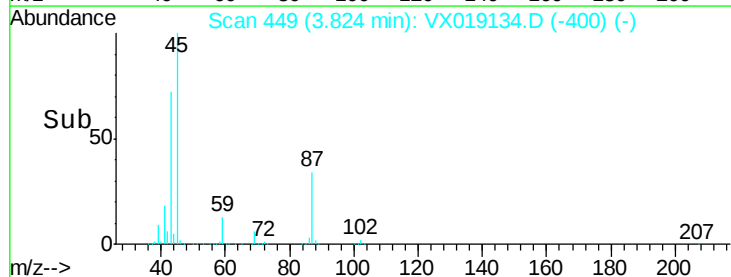
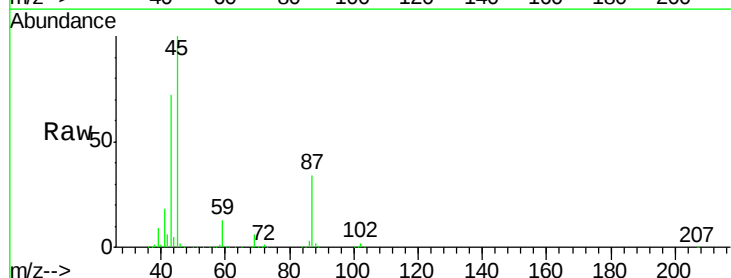
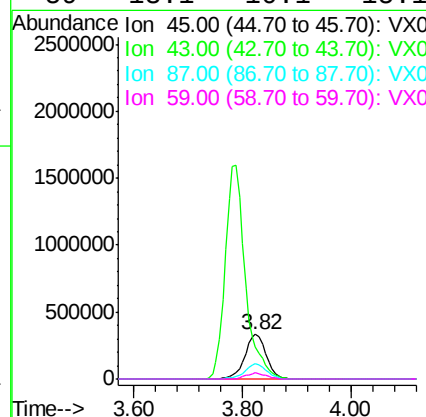
RT: 3.82 min Scan# 449

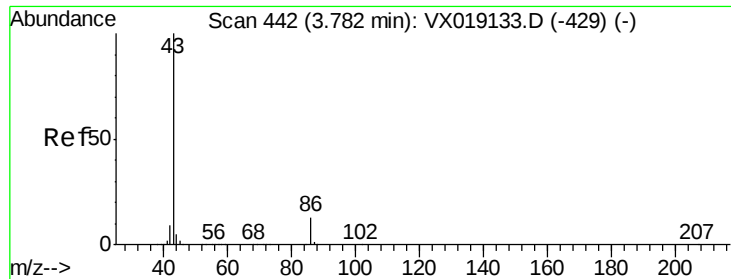
Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion:	45	Resp:	909208
Ion	Ratio	Lower	Upper
45	100		
43	71.6	56.2	84.4
87	33.5	26.2	39.2
59	13.1	10.1	15.1





#23

Vinyl Acetate

Concen: 601.309 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4110672

Ion Ratio Lower Upper

43 100

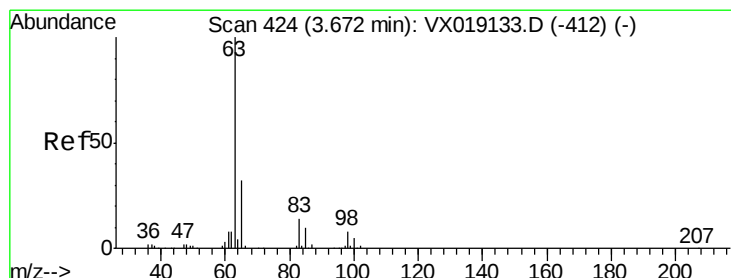
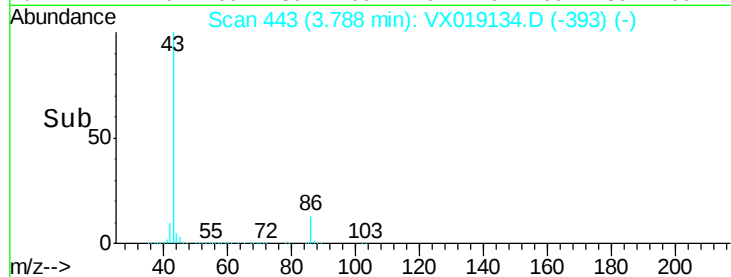
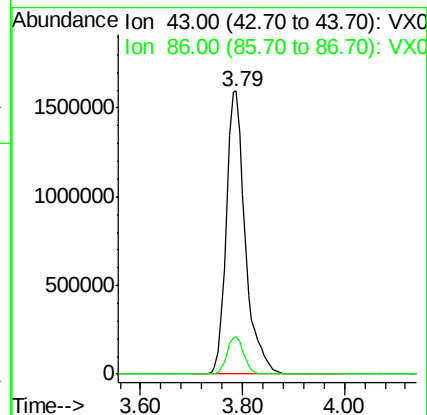
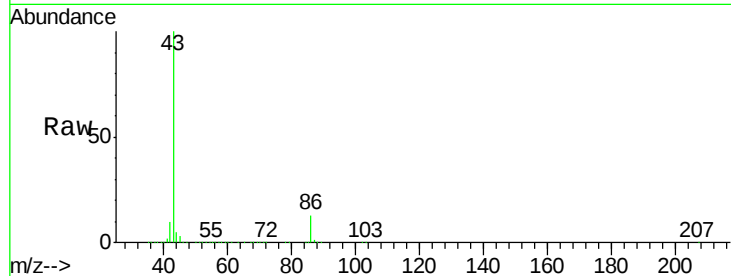
86 13.3 10.4 15.6

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#24

1,1-Dichloroethane

Concen: 112.729 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

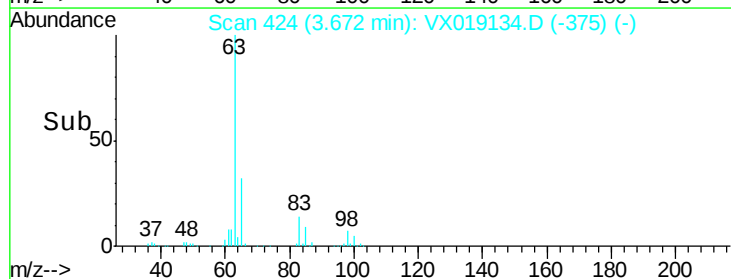
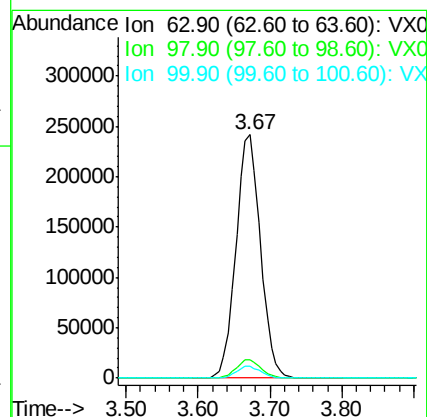
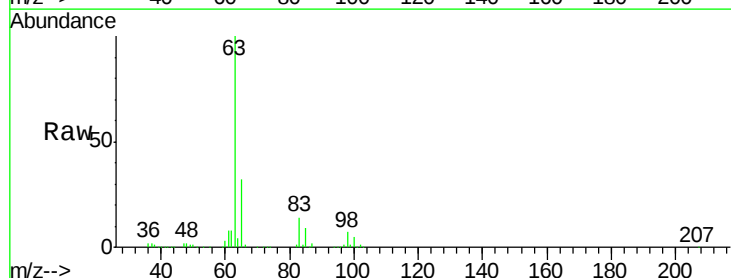
Tgt Ion: 63 Resp: 572032

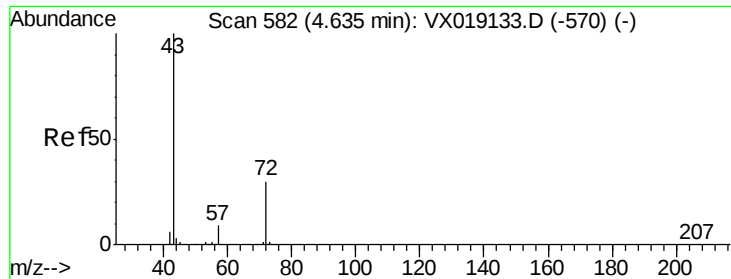
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 583.852 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 1090300

Ion Ratio Lower Upper

43 100

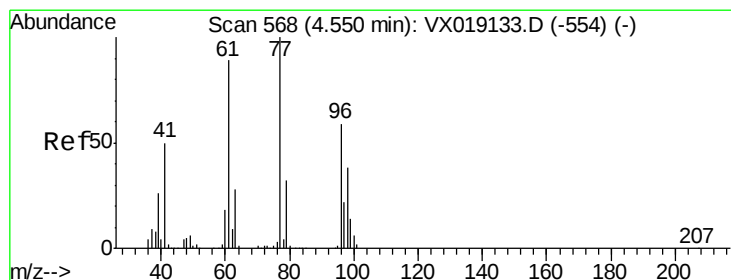
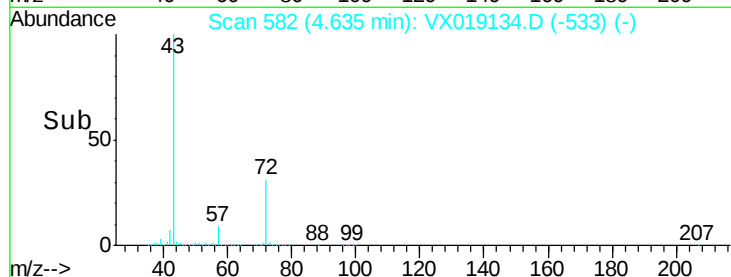
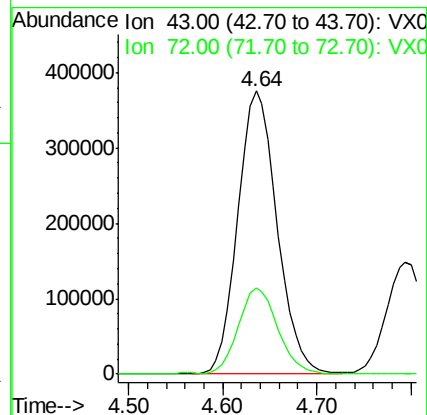
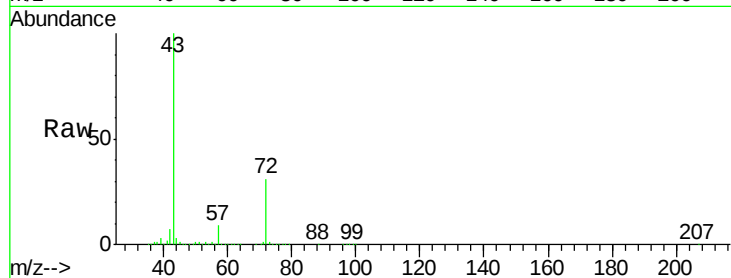
72 30.5 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 111.418 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019134.D

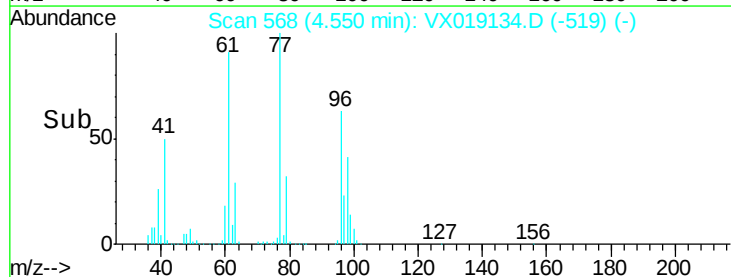
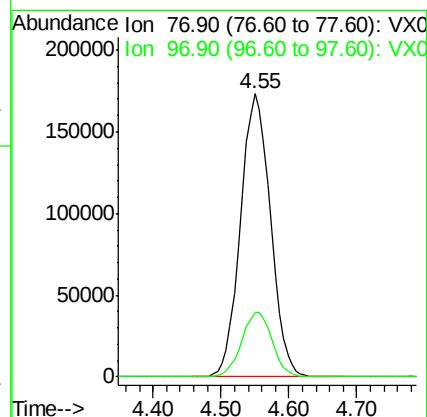
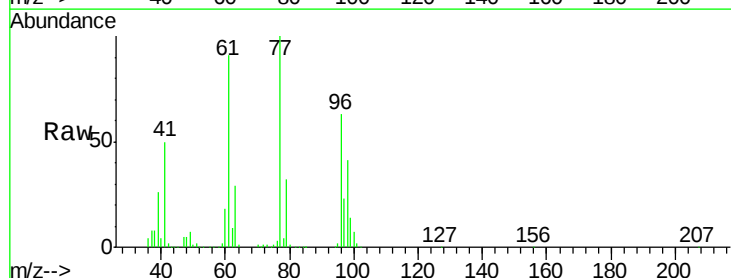
Acq: 27 Oct 2020 13:03

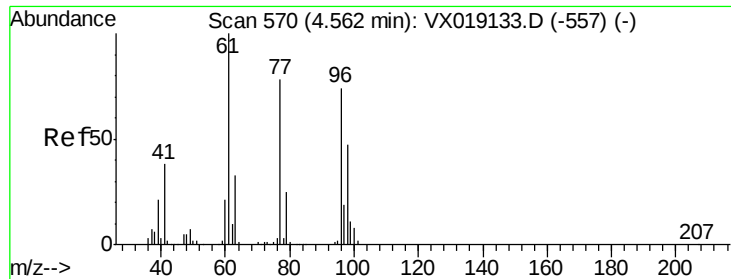
Tgt Ion: 77 Resp: 531917

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

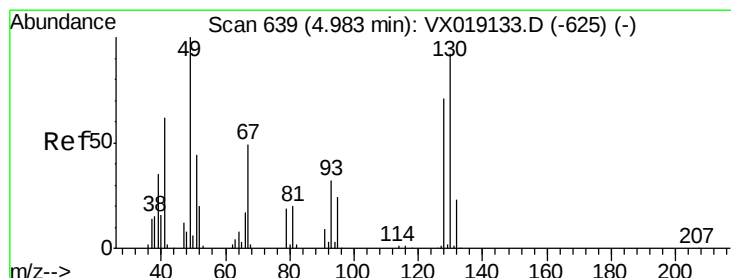
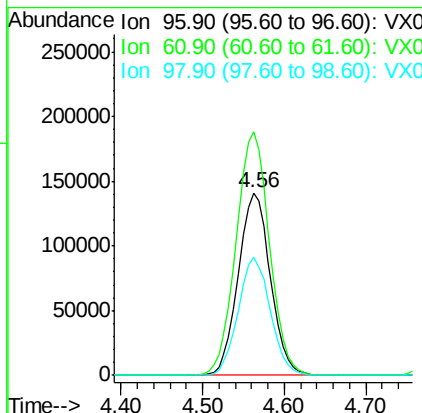
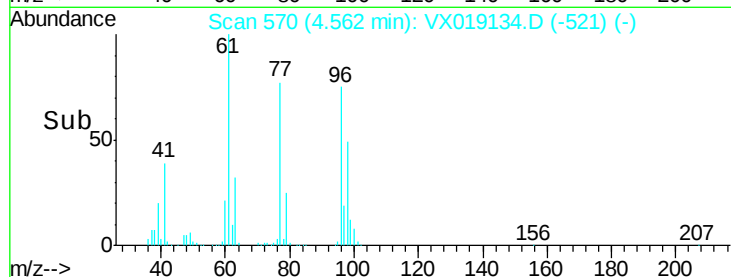
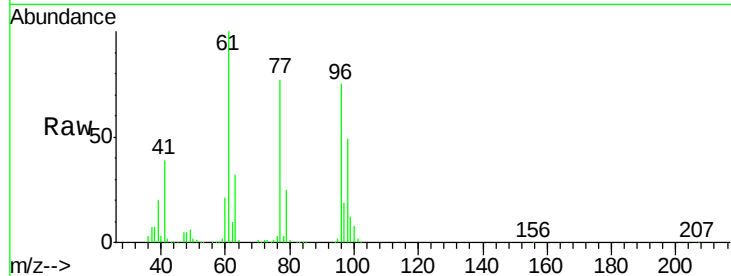
cis-1,2-Dichloroethene
Concen: 105.280 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.0	0.0	278.8	
98	65.0	0.0	130.2	

Manual Integrations
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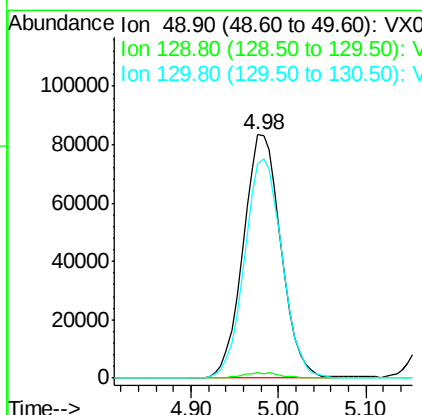
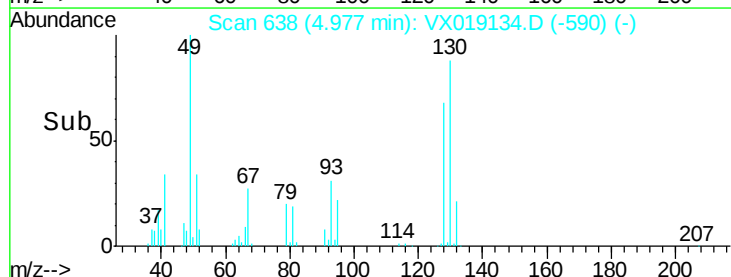
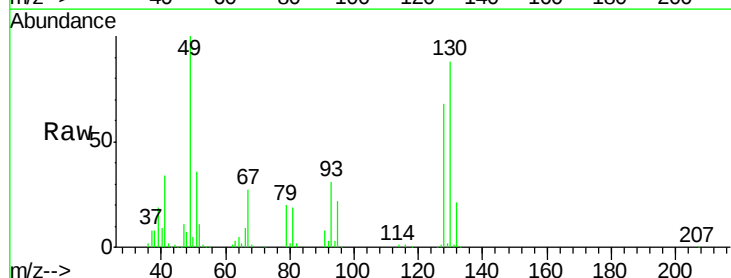
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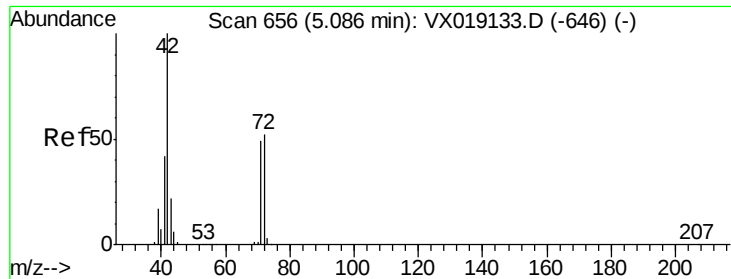


#28

Bromochloromethane
Concen: 114.087 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.4	
130	89.7	71.3	106.9	





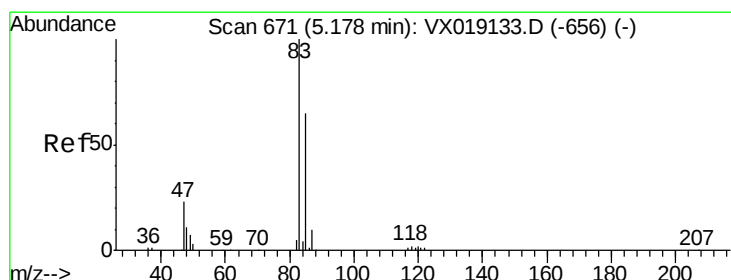
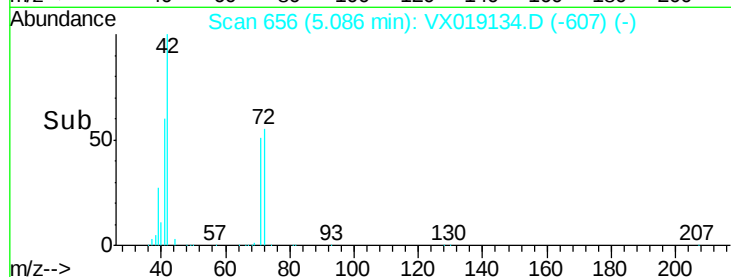
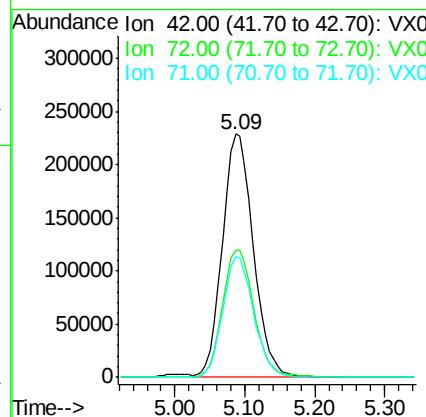
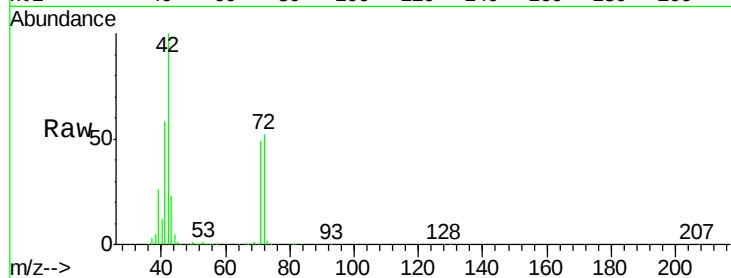
#29
Tetrahydrofuran
Concen: 588.972 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.9	42.6	63.8
71	49.7	39.7	59.5

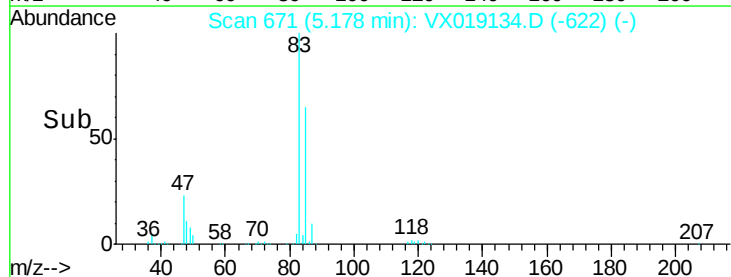
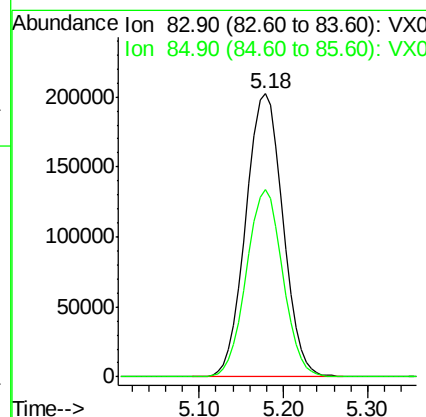
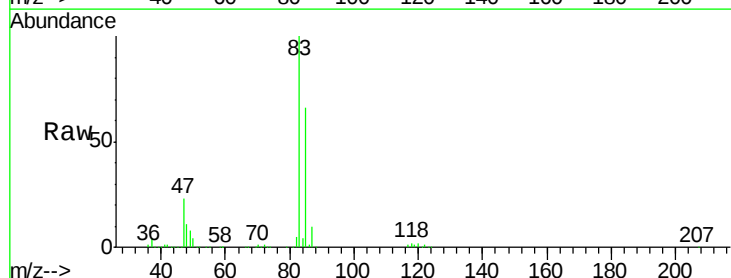
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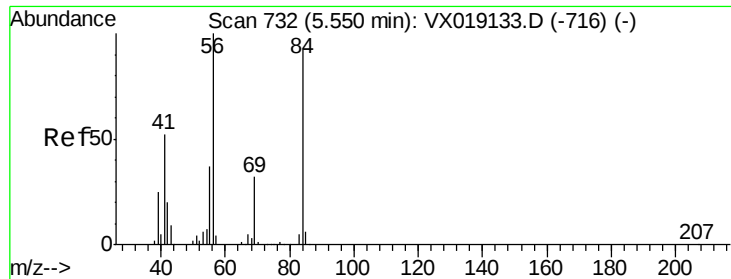
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#30
Chloroform
Concen: 107.902 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.9	77.9





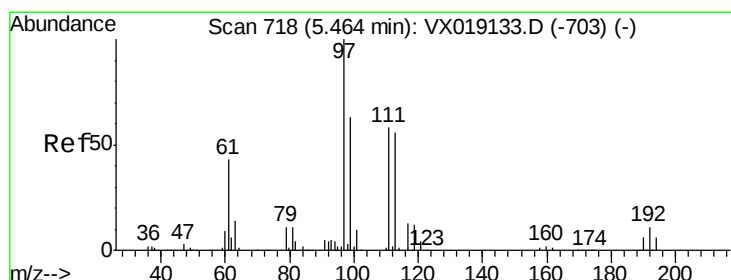
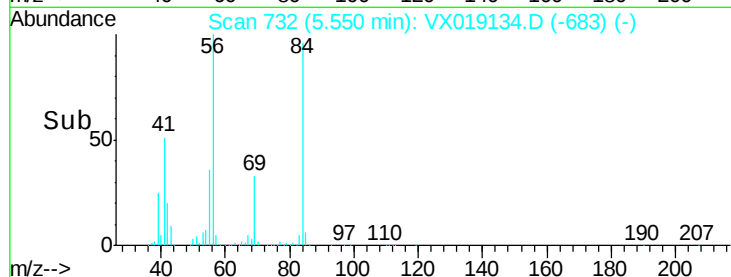
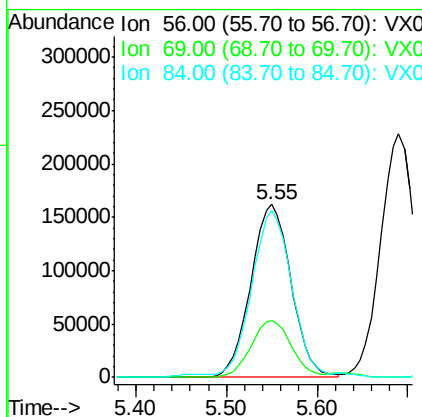
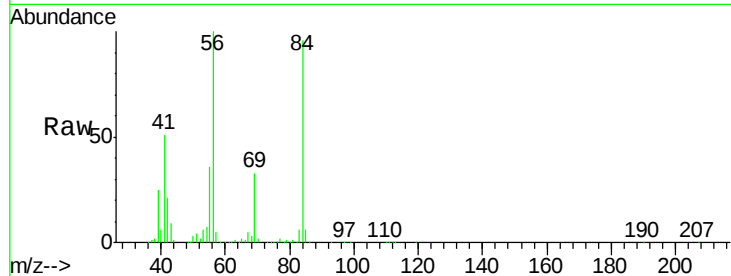
#31
Cyclohexane
Concen: 110.814 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	25.9	38.9
84	94.5	73.4	110.2

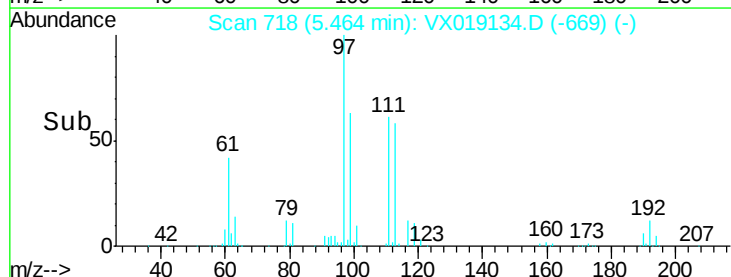
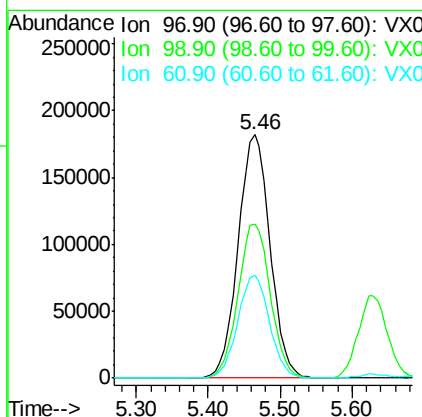
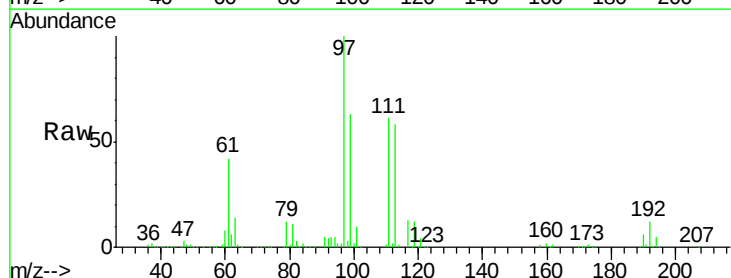
Manual Integrations
APPROVED

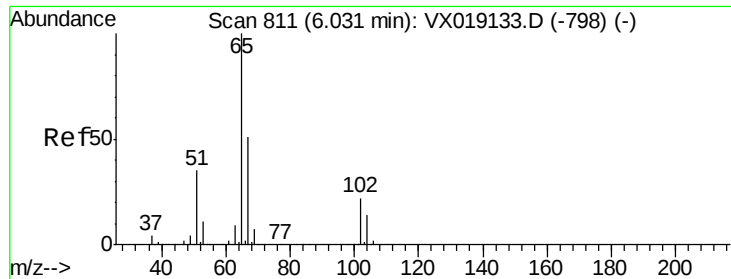
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#32
1,1,1-Trichloroethane
Concen: 111.476 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	42.1	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 105.694 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 374459

Ion Ratio Lower Upper

65 100

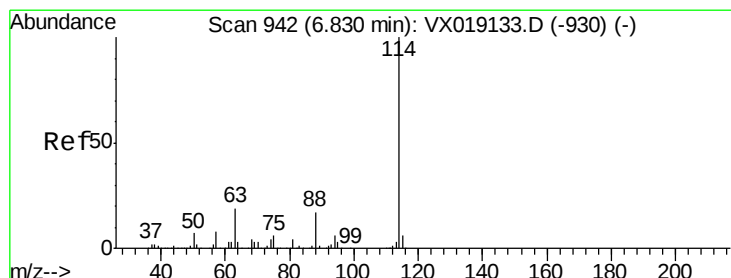
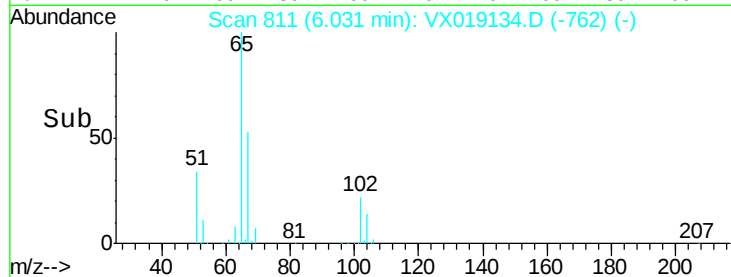
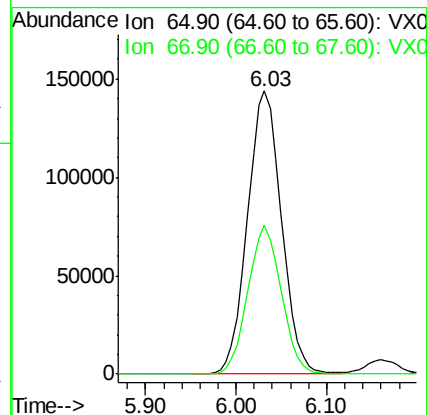
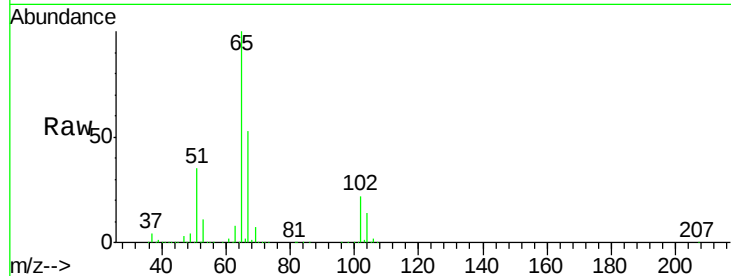
67 51.8 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

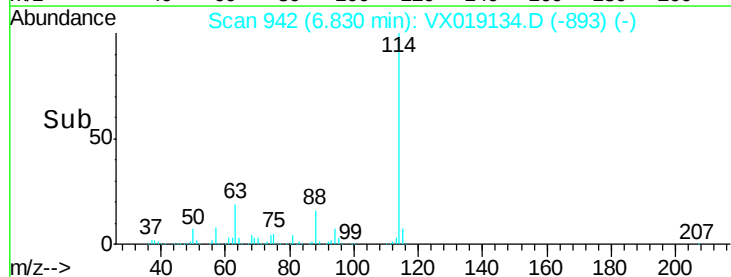
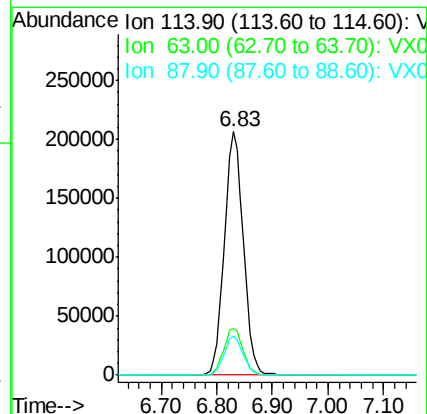
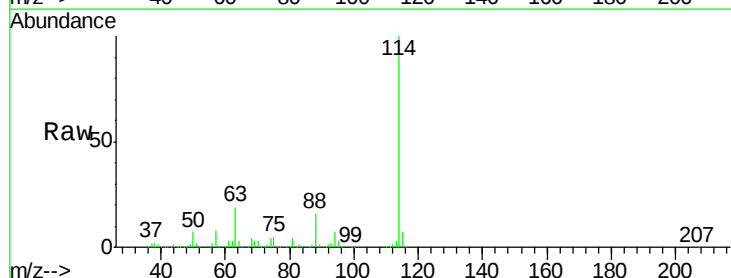
Tgt Ion: 114 Resp: 486928

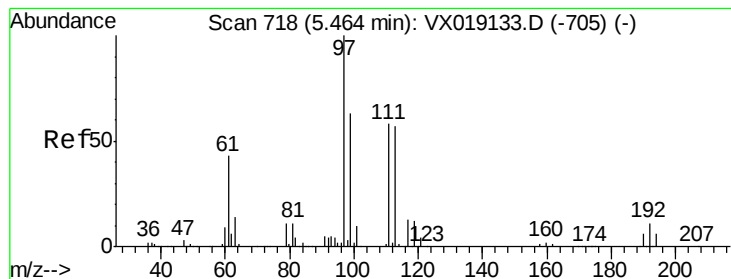
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

88 16.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 102.689 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

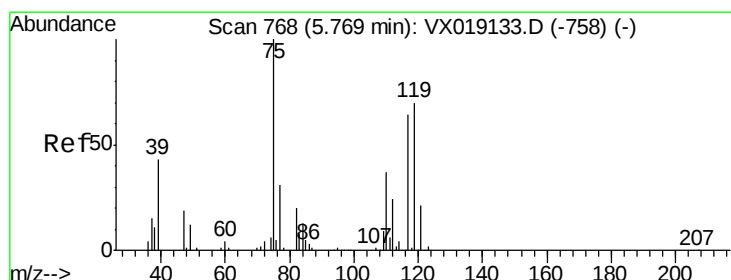
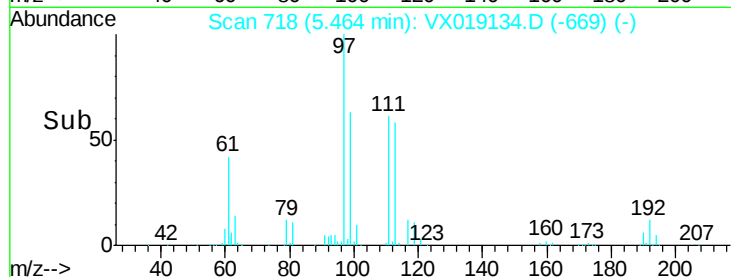
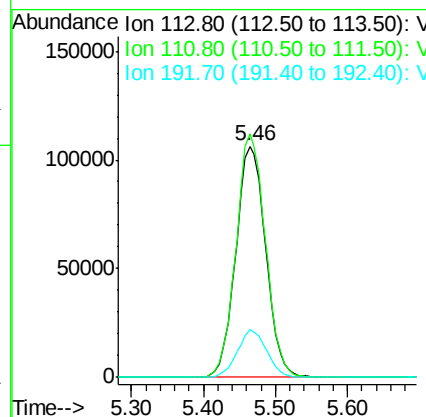
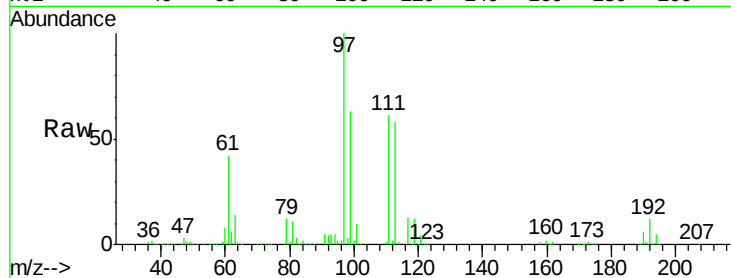
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	307234
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	20.2	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 109.271 ug/l

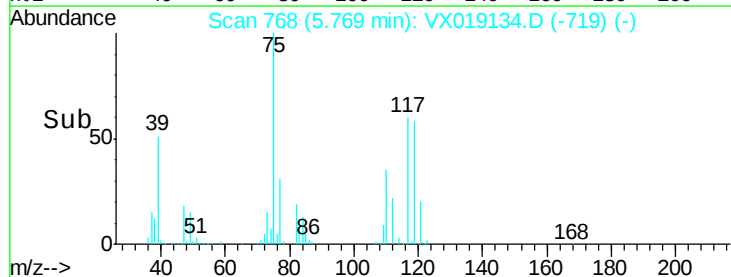
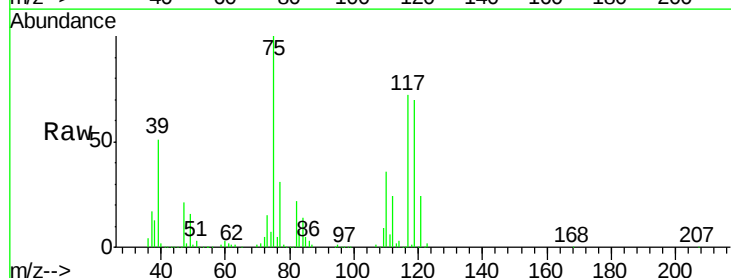
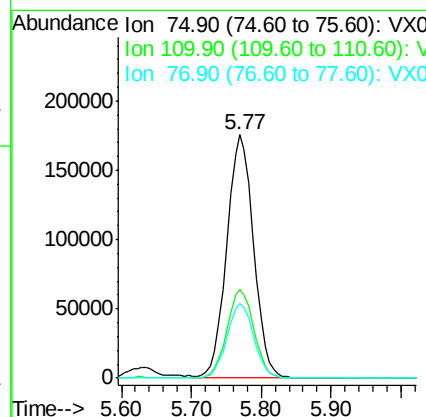
RT: 5.77 min Scan# 768

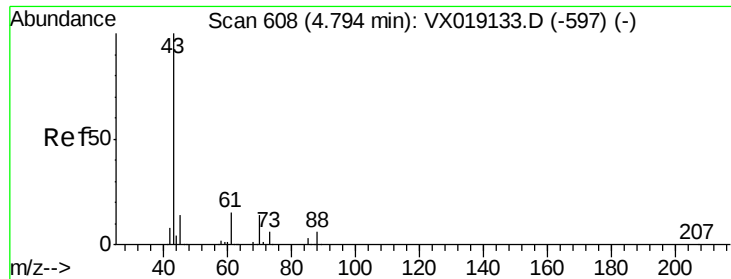
Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion:	75	Resp:	466577
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.3	54.9
77	30.7	24.9	37.3





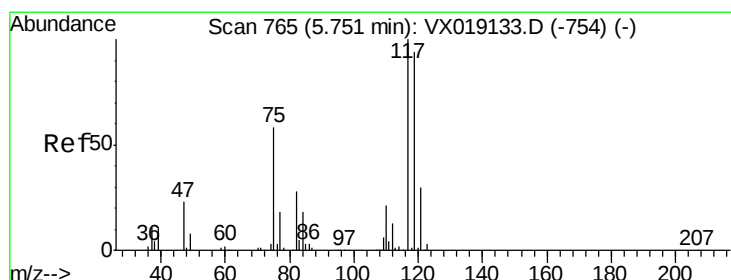
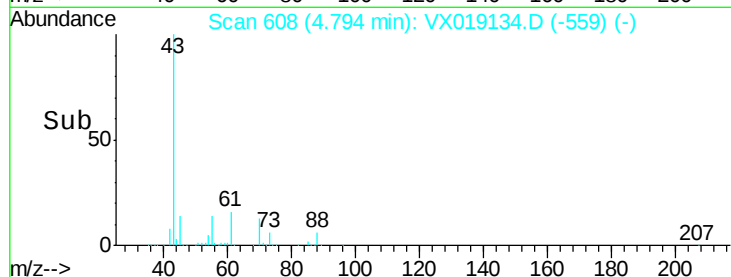
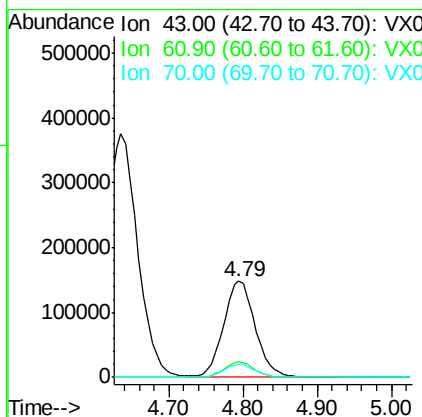
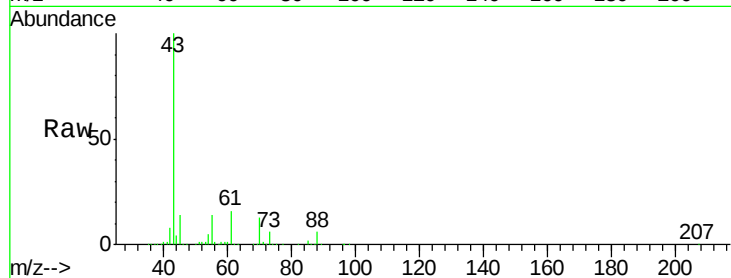
#37
Ethyl Acetate
Concen: 116.442 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.5	18.7
70	13.1	10.5	15.7

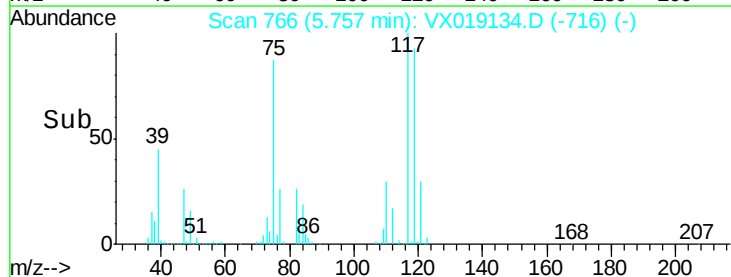
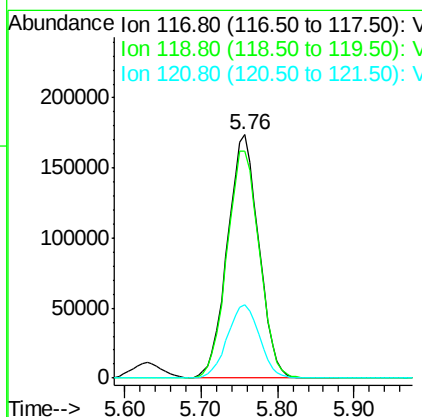
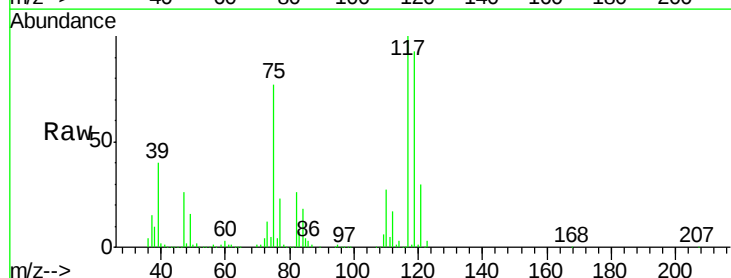
Manual Integrations
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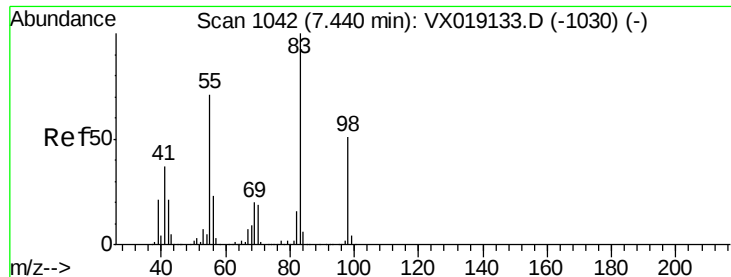
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#38
Carbon Tetrachloride
Concen: 111.871 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.0	112.6
121	30.2	23.9	35.9





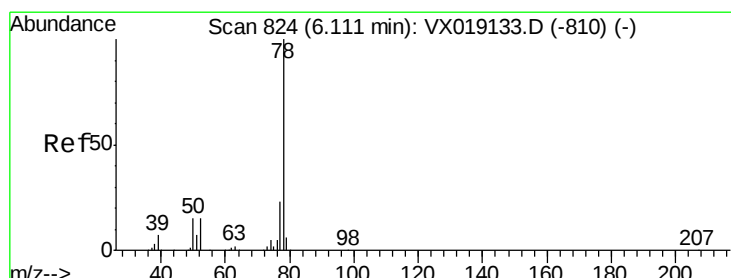
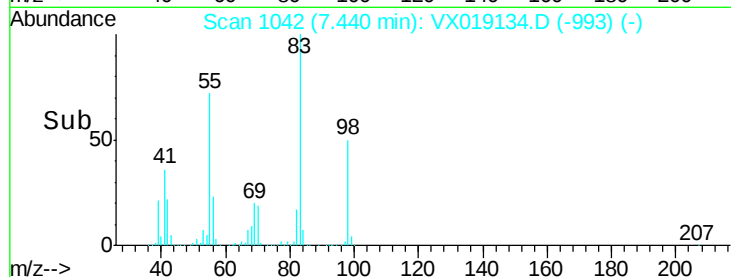
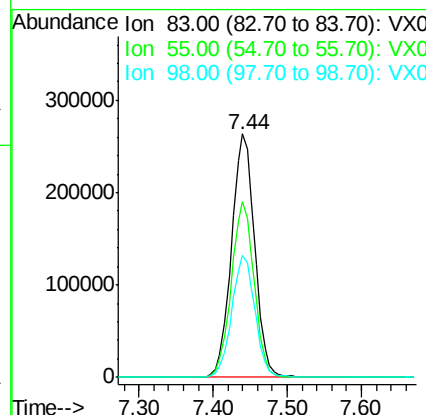
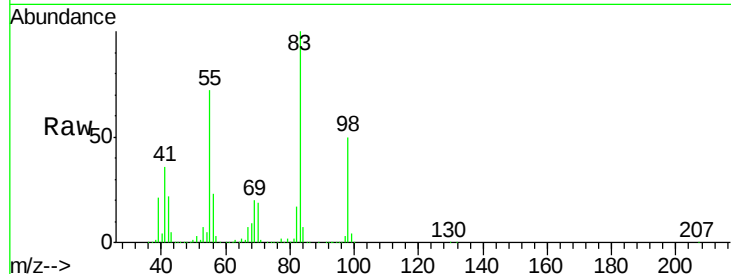
#39
Methvlcvclohexane
Concen: 109.499 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	57.0	85.6
98	50.3	40.5	60.7

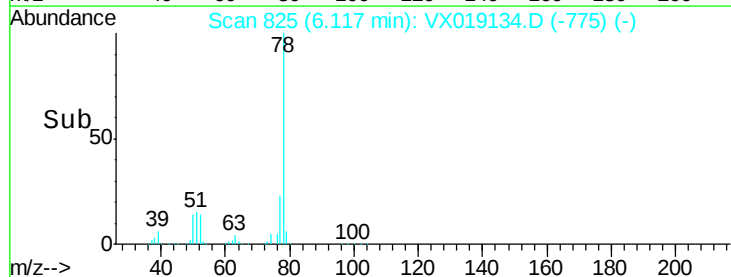
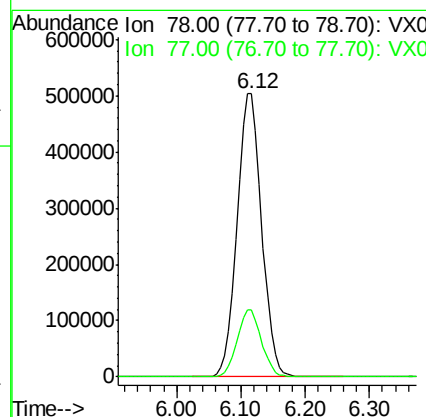
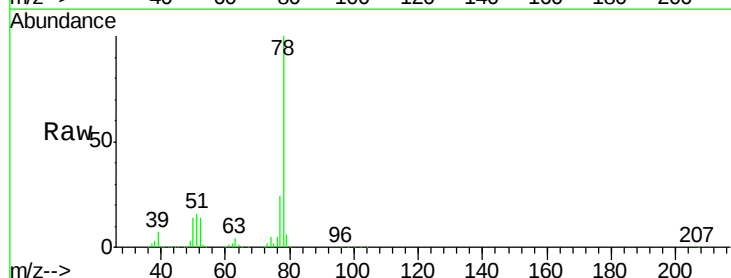
Manual Integrations
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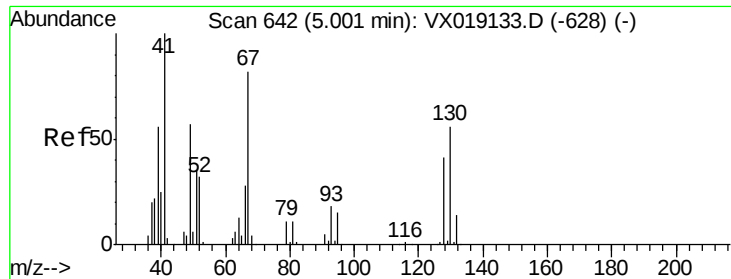
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#40
Benzene
Concen: 106.800 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





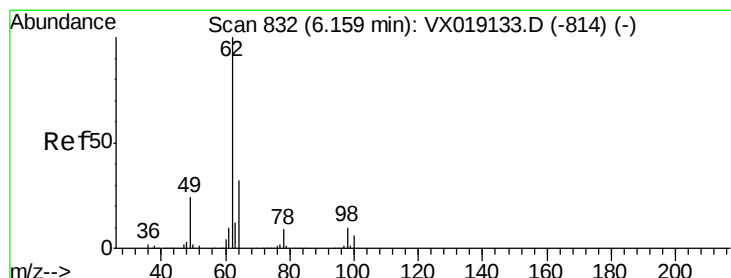
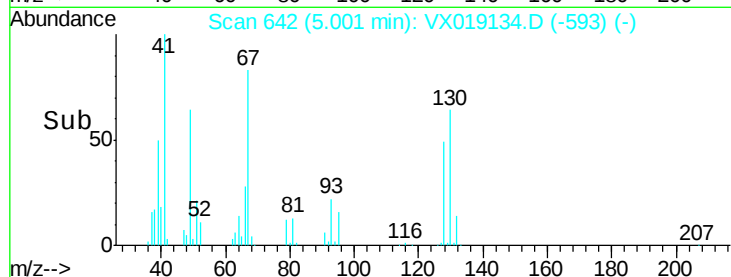
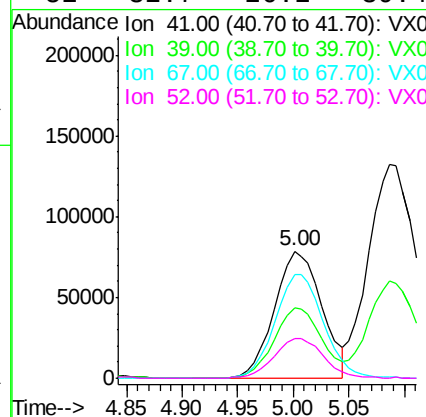
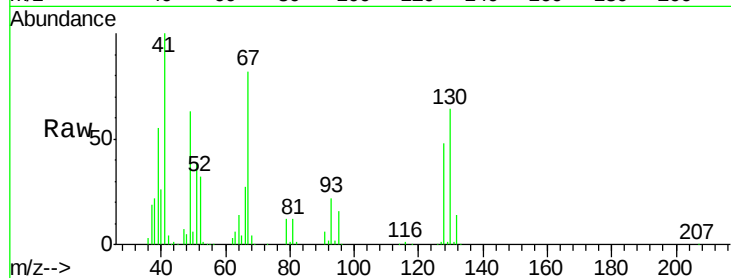
#41
Methacrylonitrile
Concen: 120.110 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		233524		
39	55.5	44.4	66.6		
67	84.0	66.4	99.6		
52	32.7	26.2	39.4		

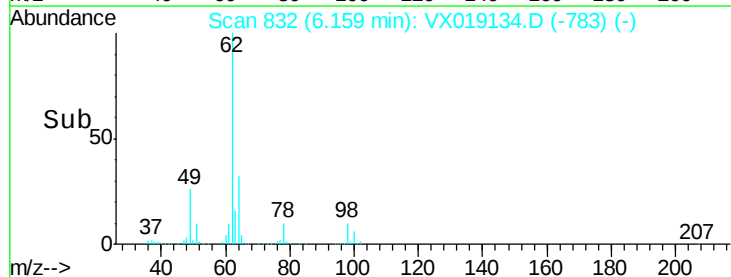
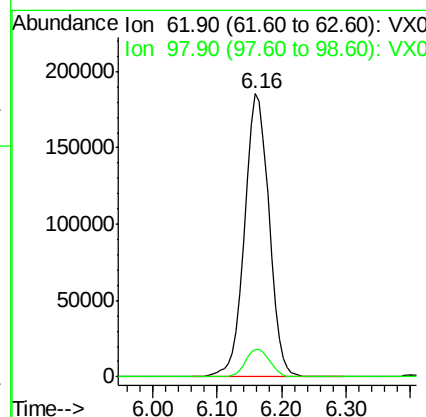
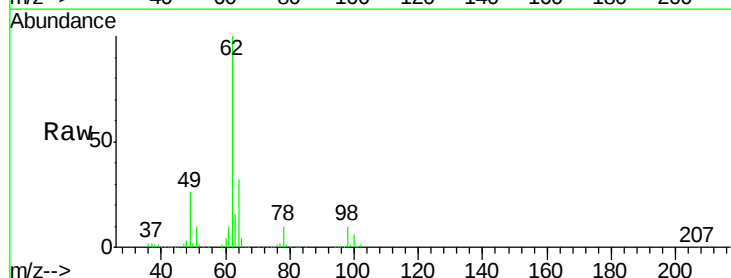
Manual Integrations
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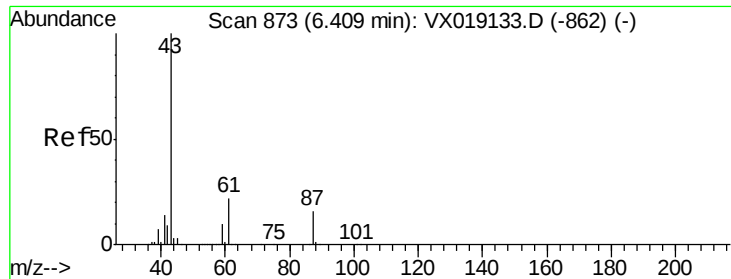
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#42
1,2-Dichloroethane
Concen: 113.515 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		485614		
98	9.7	0.0	19.0		





#43

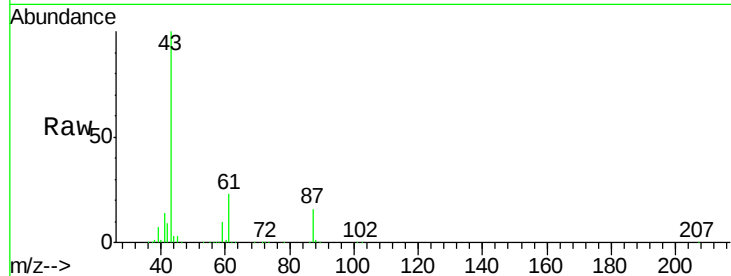
Isopropyl Acetate
 Concen: 119.345 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

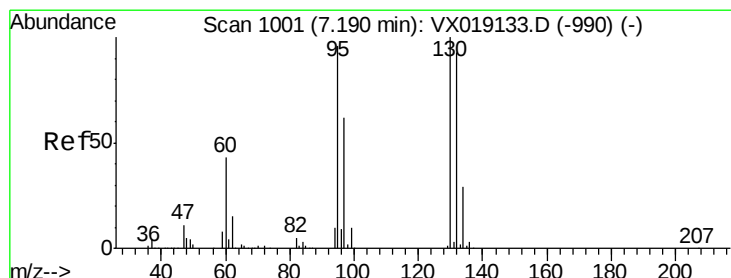
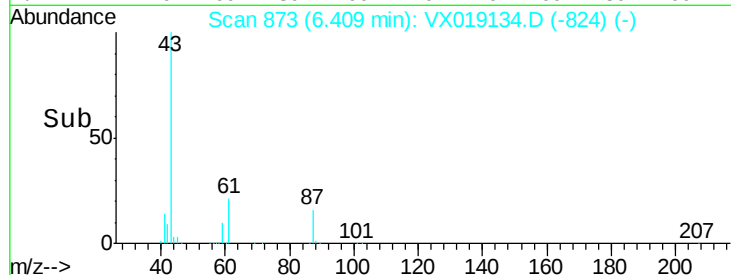
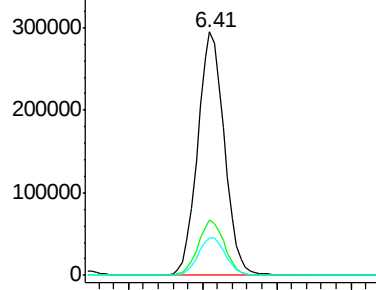
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.8	26.6
87	16.0	12.6	19.0

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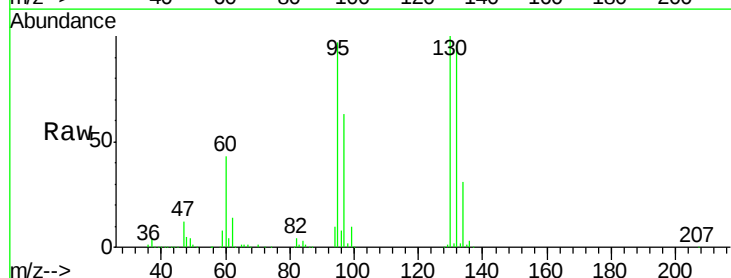
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



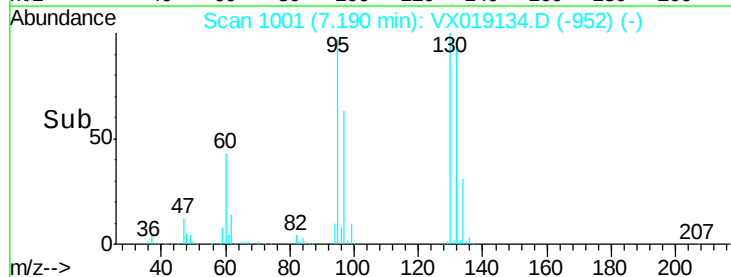
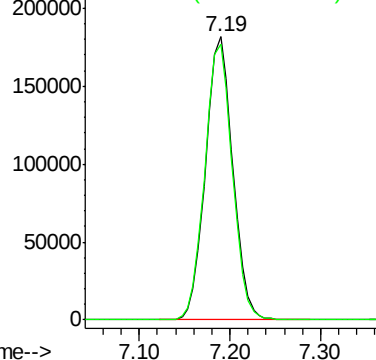
#44

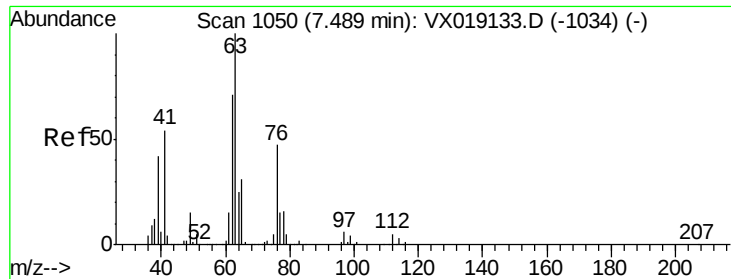
Trichloroethene
 Concen: 106.189 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	192.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 112.843 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 332161

Ion Ratio Lower Upper

63 100

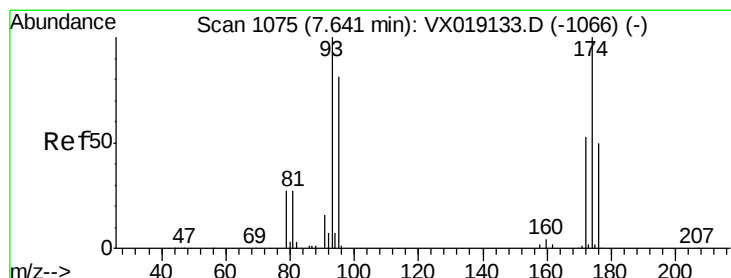
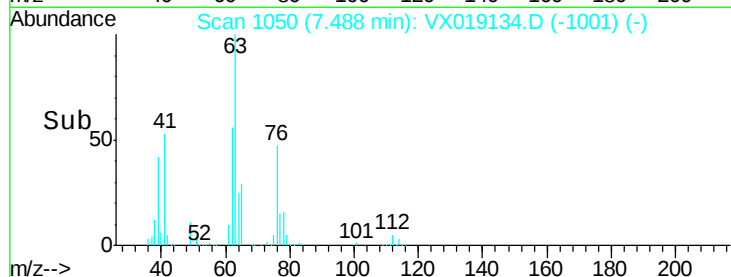
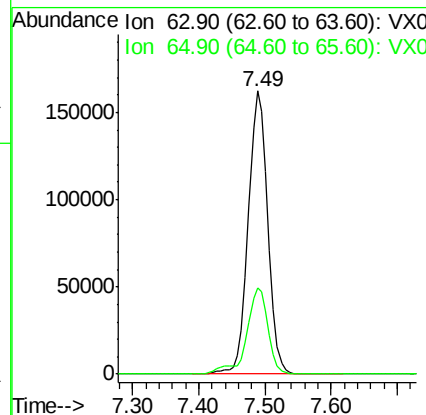
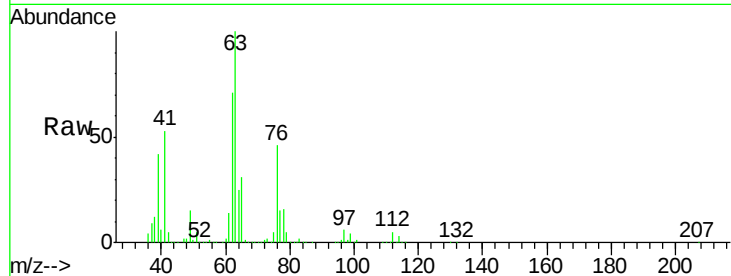
65 30.6 25.2 37.8

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#46

Dibromomethane

Concen: 108.560 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

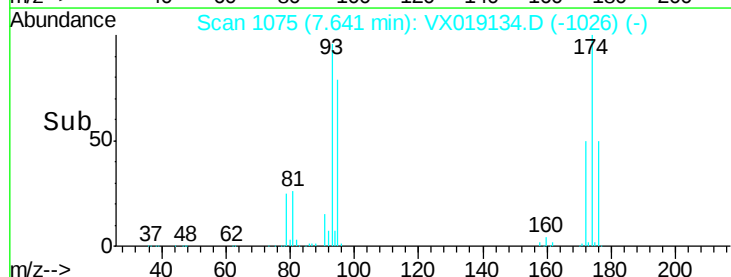
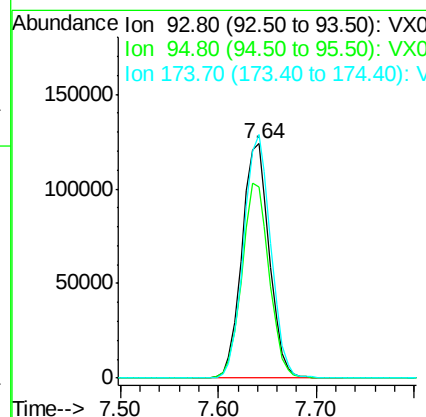
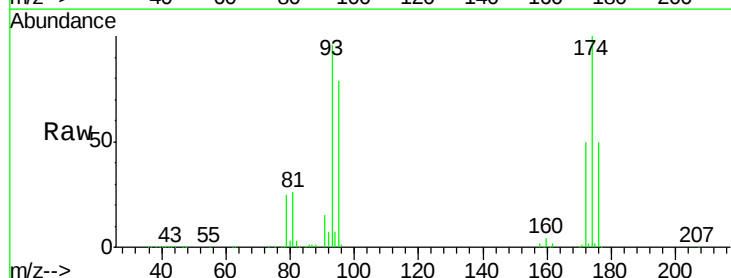
Tgt Ion: 93 Resp: 240751

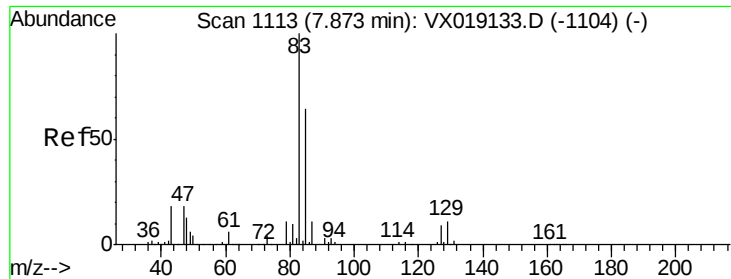
Ion Ratio Lower Upper

93 100

95 83.0 67.0 100.6

174 102.8 81.7 122.5





#47

Bromodichloromethane

Concen: 113.144 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

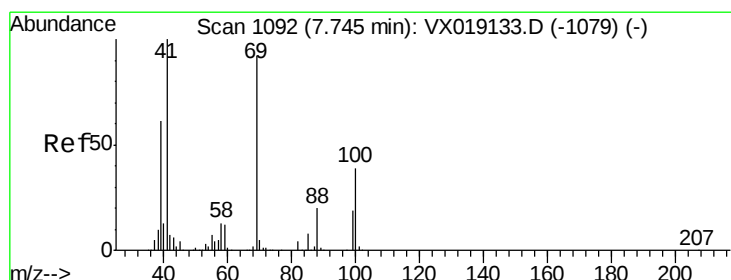
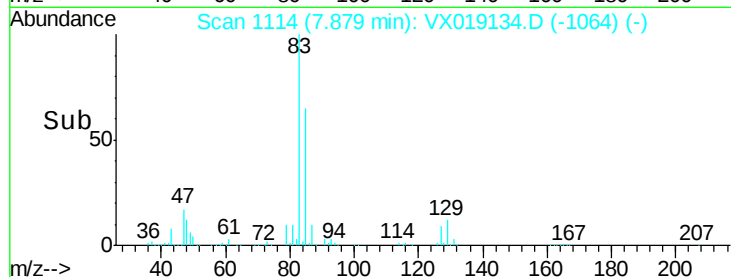
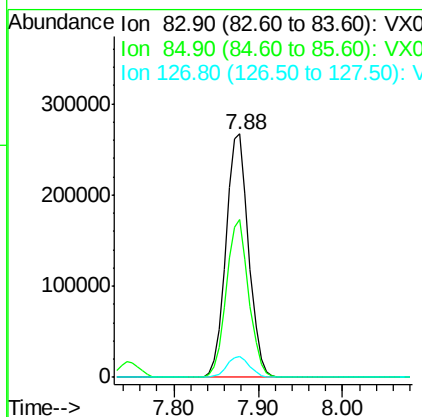
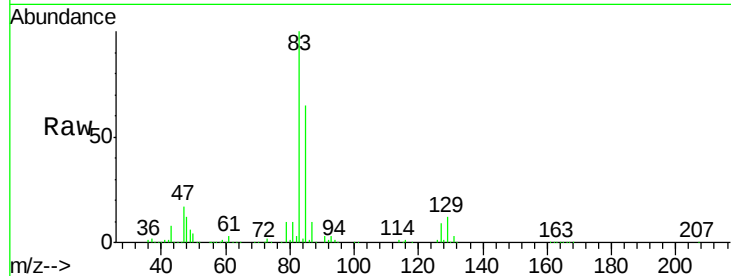
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	490713
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.2	76.8
127	8.8	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 123.131 ug/l

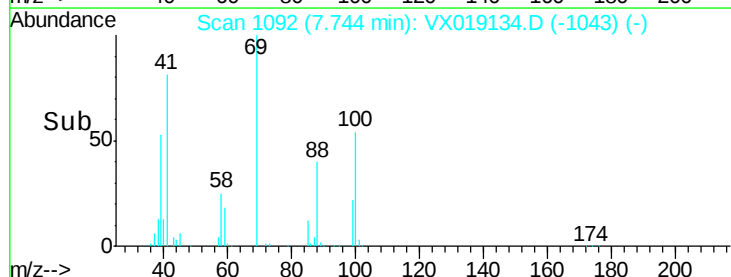
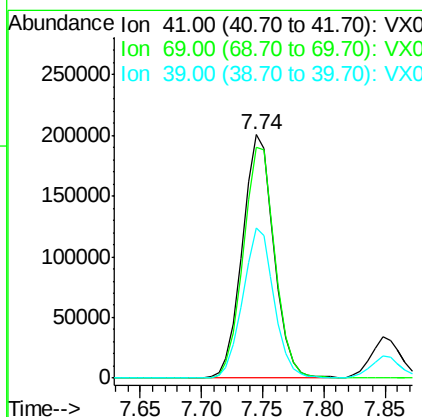
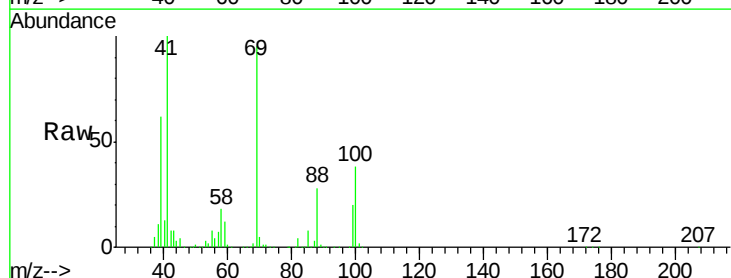
RT: 7.74 min Scan# 1092

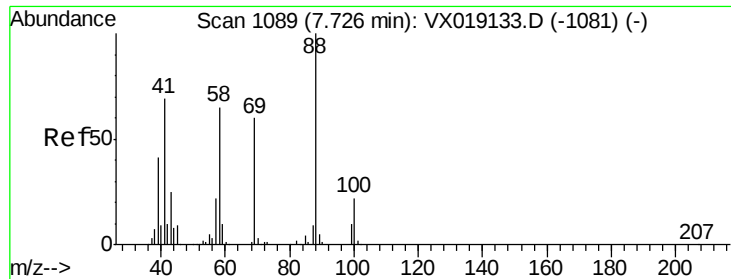
Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion:	41	Resp:	357849
Ion Ratio	Lower	Upper	
41	100		
69	96.0	75.5	113.3
39	61.0	48.9	73.3





#49

1,4-Dioxane

Concen: 2121.349 ug/l

RT: 7.73 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

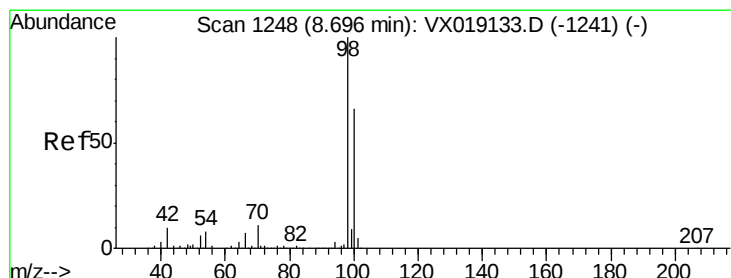
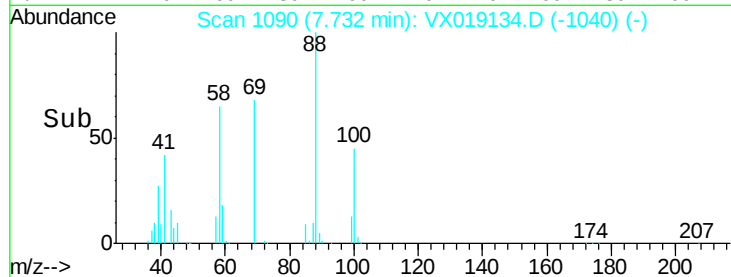
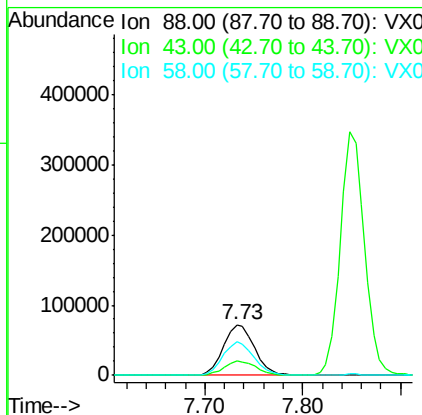
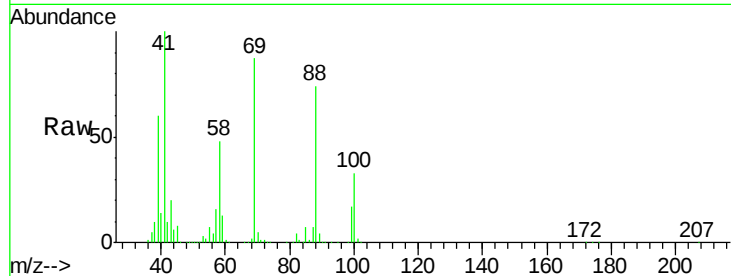
ClientSampleId :

VSTDIC100

Tot Ion	88	Resp	159060
Ion Ratio	Lower	Upper	
88	100		
43	28.4	23.0	34.6
58	65.6	52.2	78.2

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#50

Toluene-d8

Concen: 99.813 ug/l

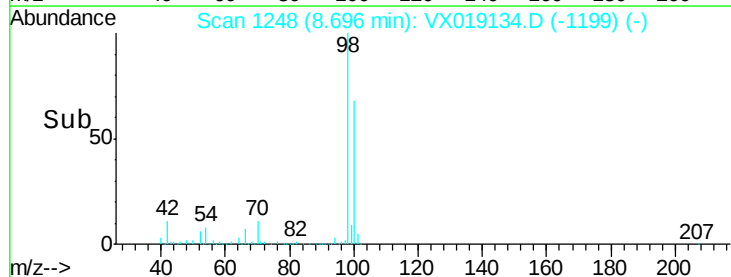
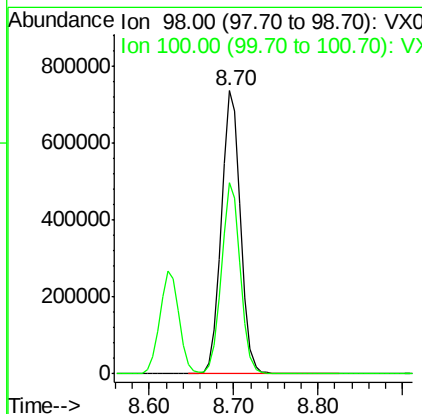
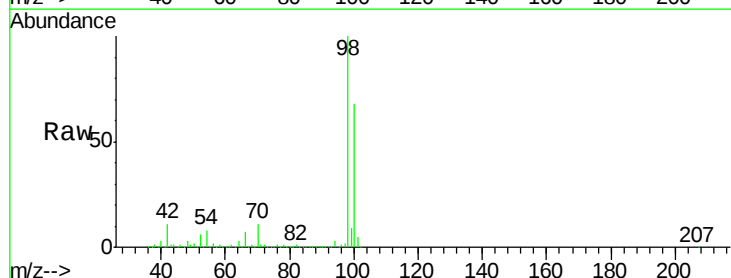
RT: 8.70 min Scan# 1248

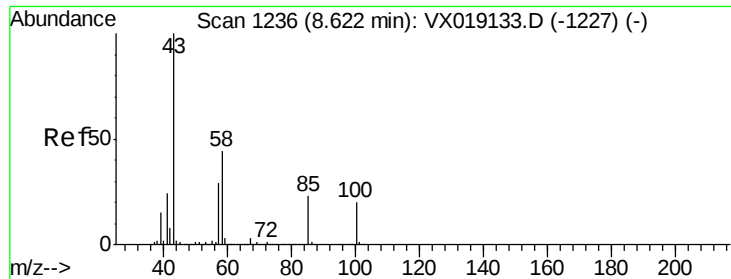
Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion	98	Resp	1151122
Ion Ratio	Lower	Upper	
98	100		
100	66.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 587.564 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2115398

Ion Ratio Lower Upper

43 100

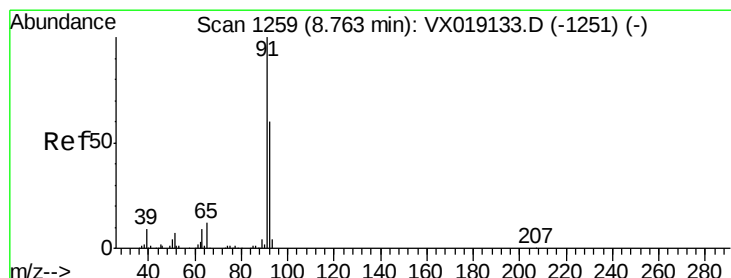
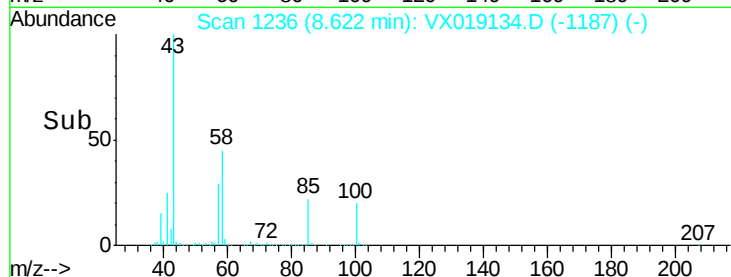
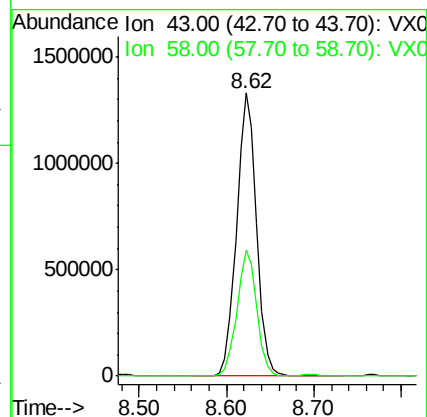
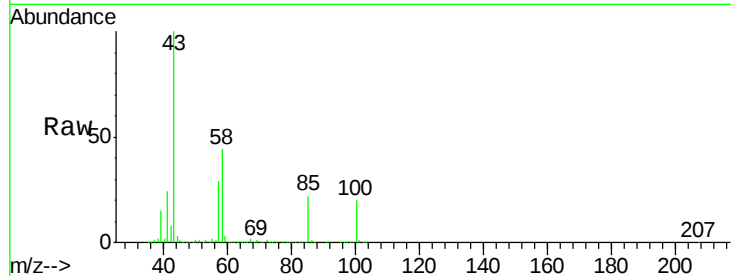
58 44.1 35.0 52.4

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#52

Toluene

Concen: 106.958 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019134.D

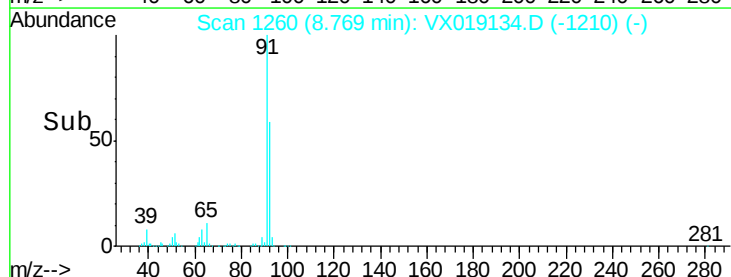
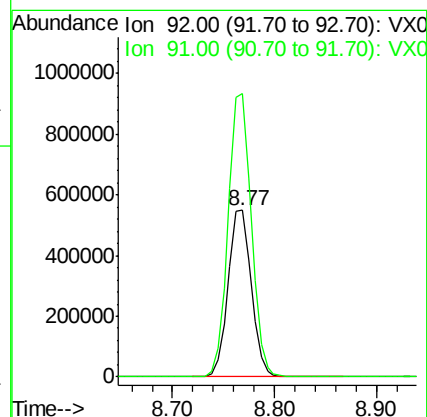
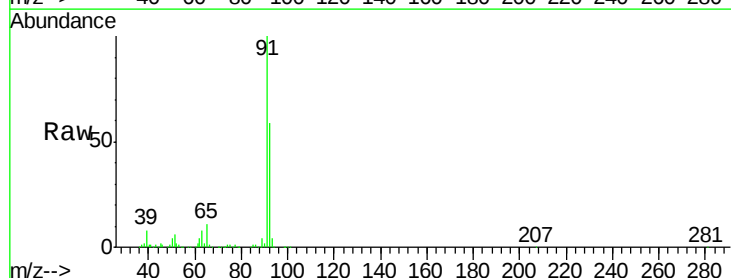
Acq: 27 Oct 2020 13:03

Tgt Ion: 92 Resp: 865942

Ion Ratio Lower Upper

92 100

91 170.1 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 116.516 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 558543

Ion Ratio Lower Upper

75 100

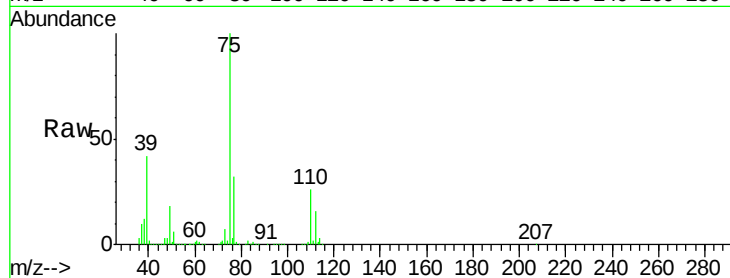
77 32.0 25.4 38.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

400000

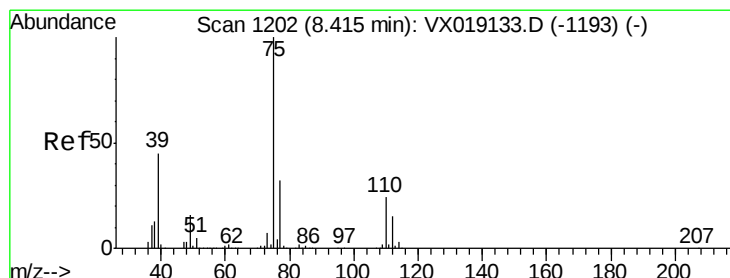
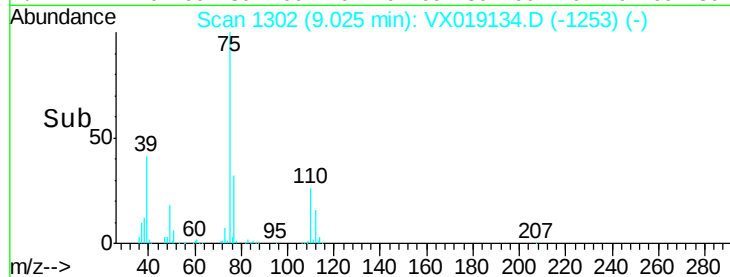
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 115.255 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

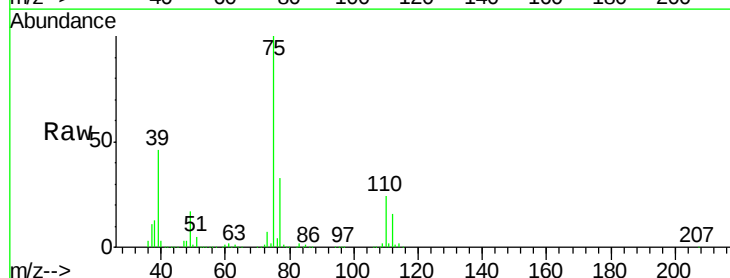
Tgt Ion: 75 Resp: 588393

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 45.8 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

500000

400000

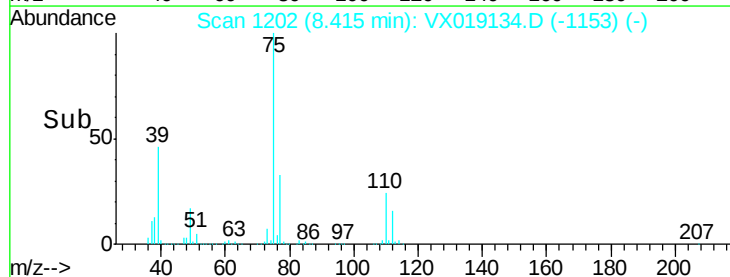
300000

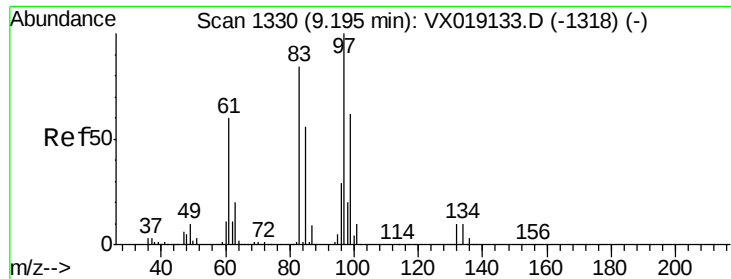
200000

100000

0

Time-->





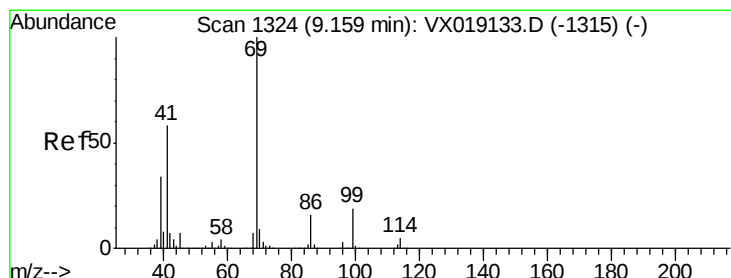
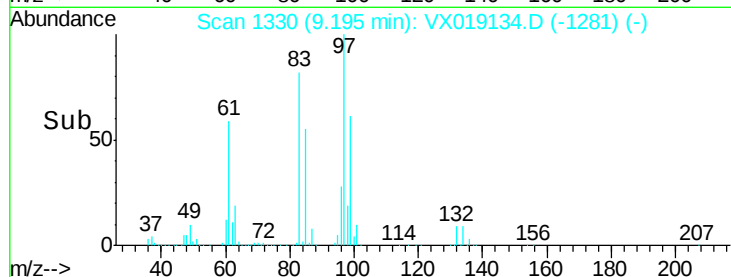
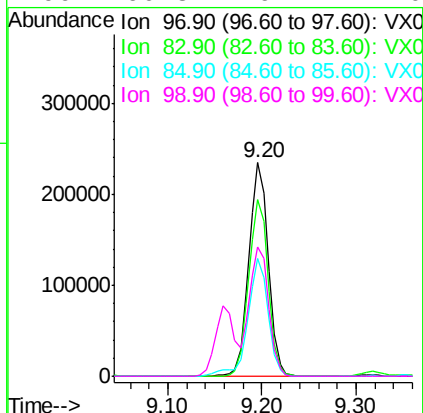
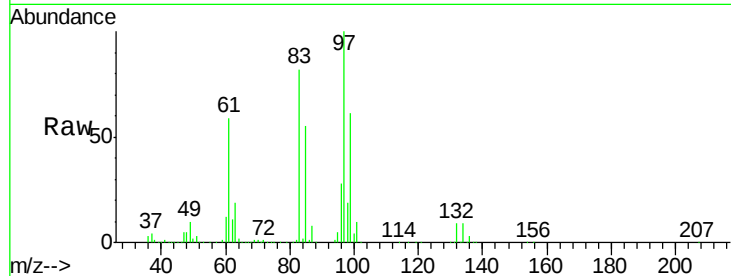
#55
 1,1,2-Trichloroethane
 Concen: 105.787 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	341000
Ion Ratio	Lower	Upper	
97	100		
83	82.5	67.2	100.8
85	54.9	44.6	67.0
99	60.8	49.4	74.0

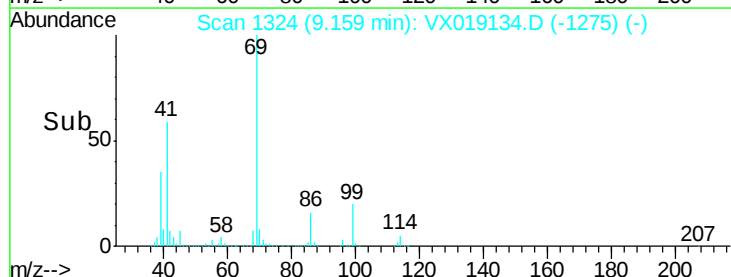
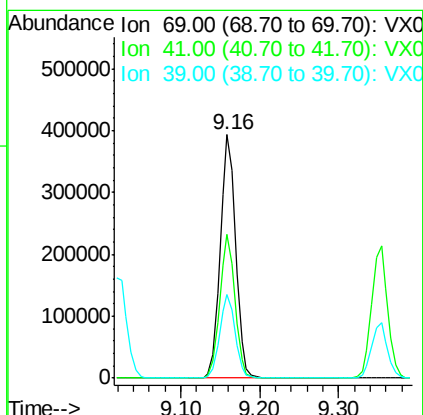
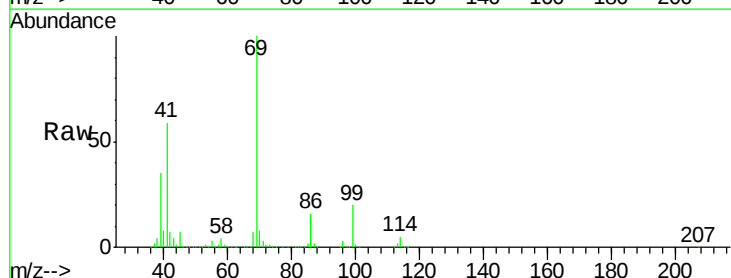
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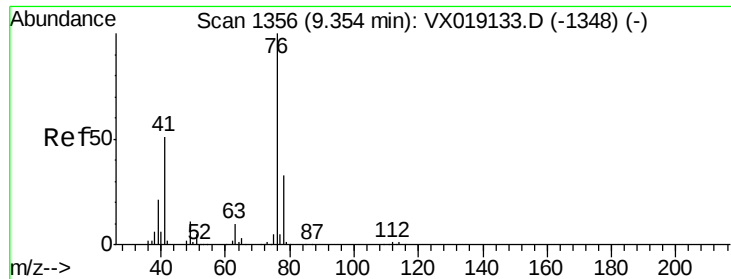
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#56
 Ethyl methacrylate
 Concen: 115.049 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion:	69	Resp:	535396
Ion Ratio	Lower	Upper	
69	100		
41	58.3	46.5	69.7
39	34.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 107.719 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 568572

Ion Ratio Lower Upper

76 100

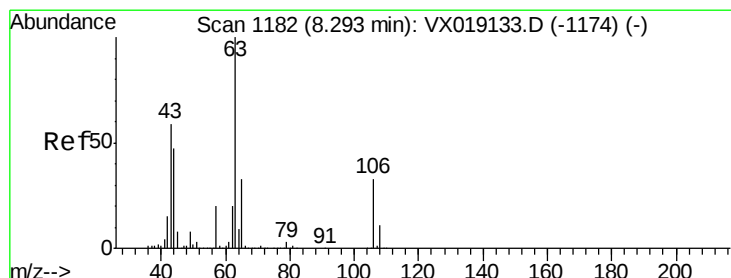
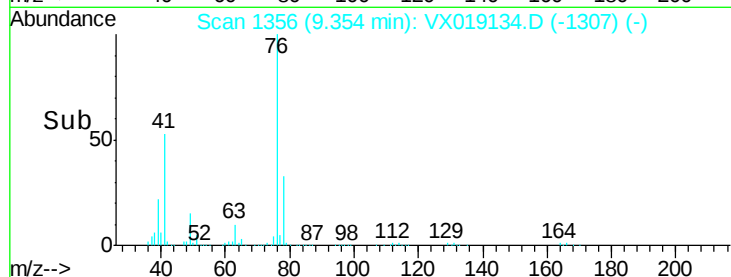
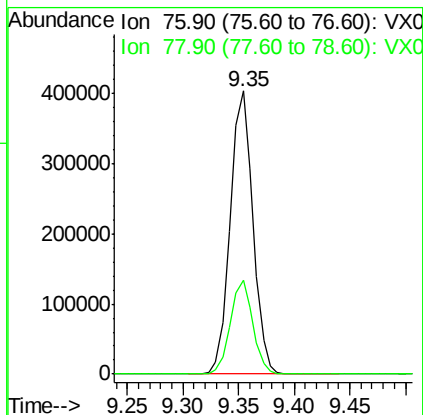
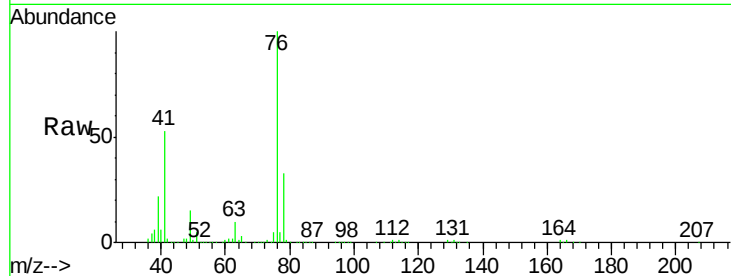
78 32.6 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 554.160 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019134.D

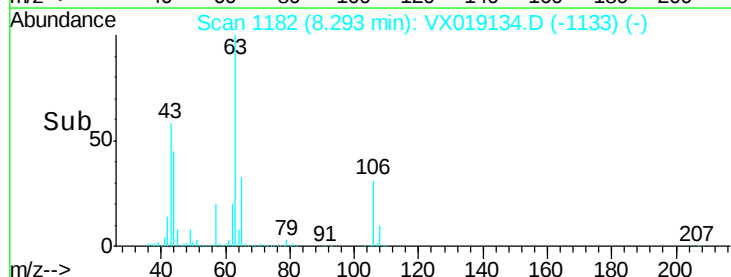
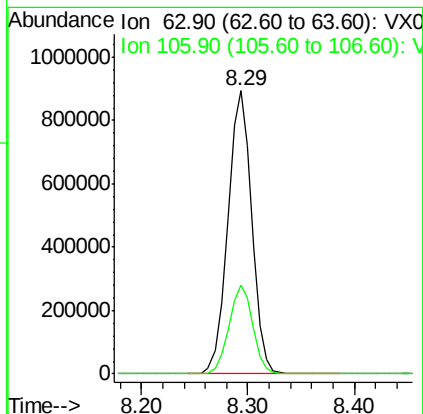
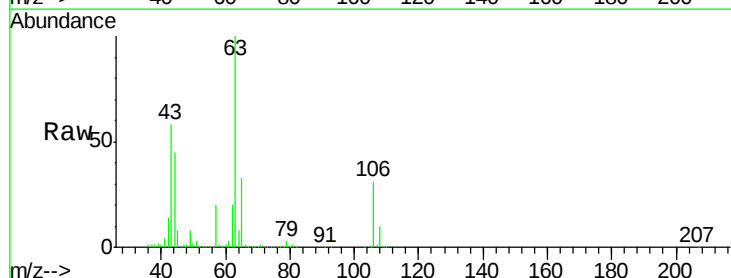
Acq: 27 Oct 2020 13:03

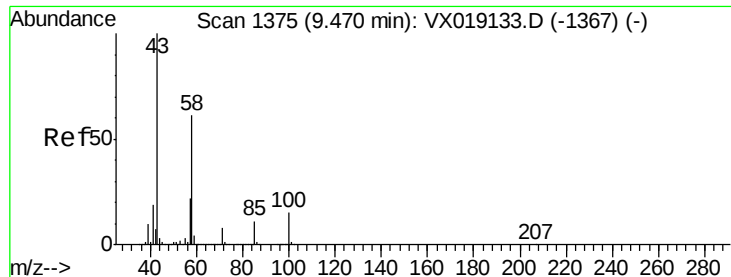
Tgt Ion: 63 Resp: 1396929

Ion Ratio Lower Upper

63 100

106 31.3 25.1 37.7





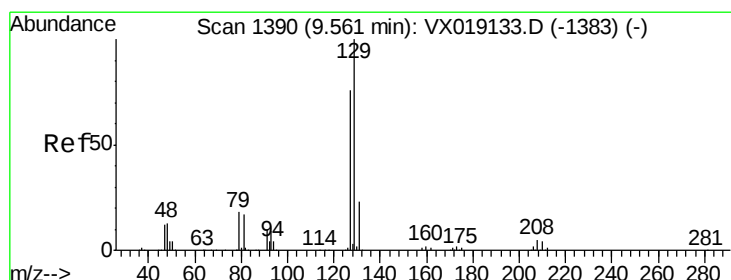
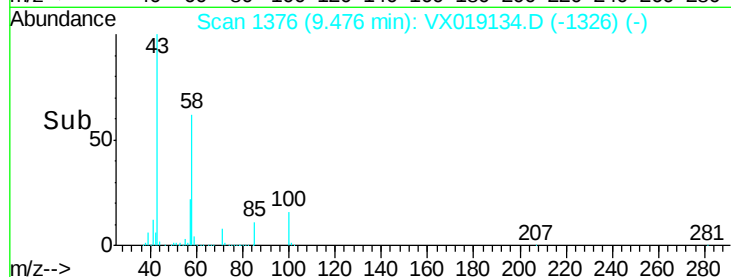
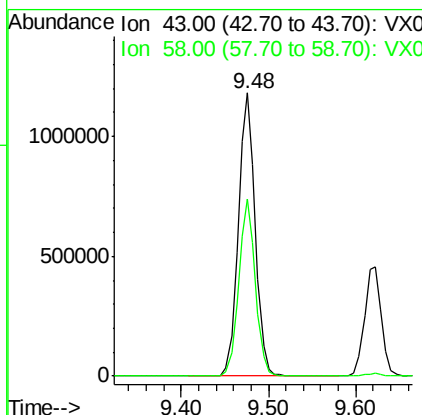
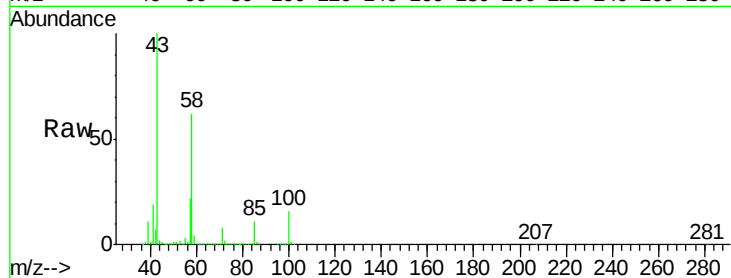
#59
2-Hexanone
Concen: 581.694 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1593124
Ion Ratio Lower Upper
43 100
58 61.4 30.5 91.5

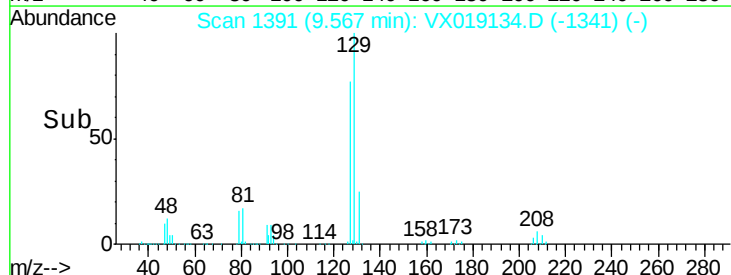
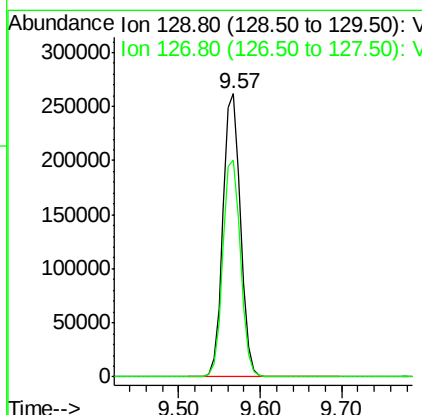
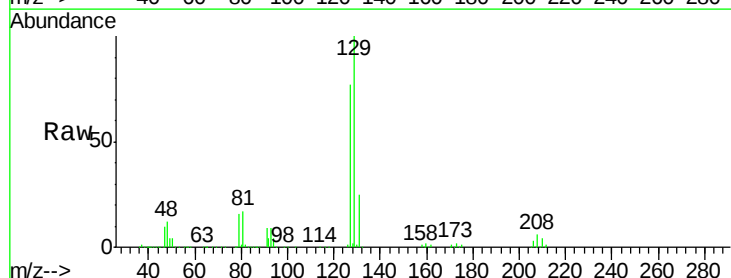
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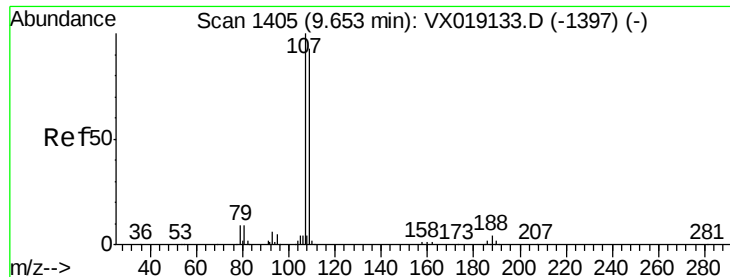
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#60
Dibromochloromethane
Concen: 113.265 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 129 Resp: 389179
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





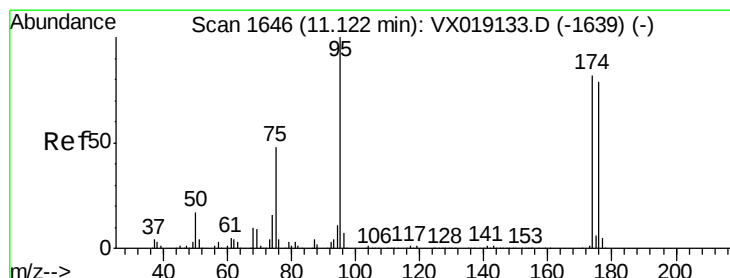
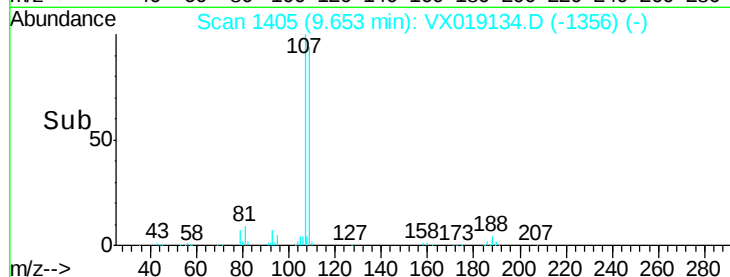
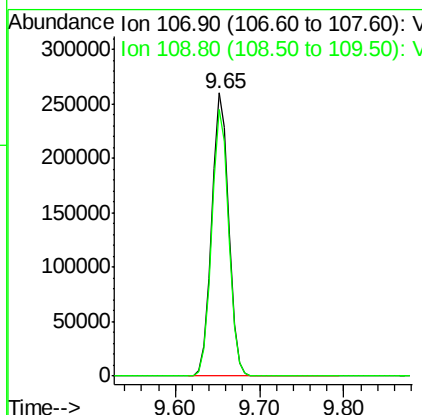
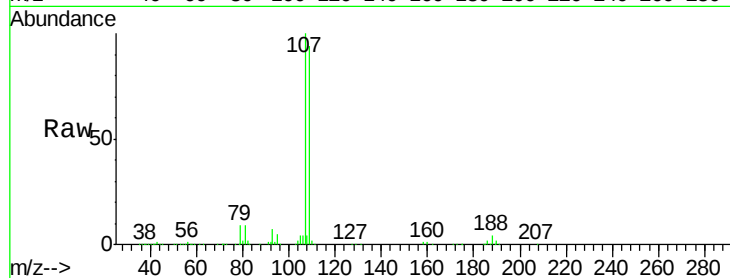
#61
 1,2-Dibromoethane
 Concen: 107.009 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	366012		
109	93.9	75.9	113.9	

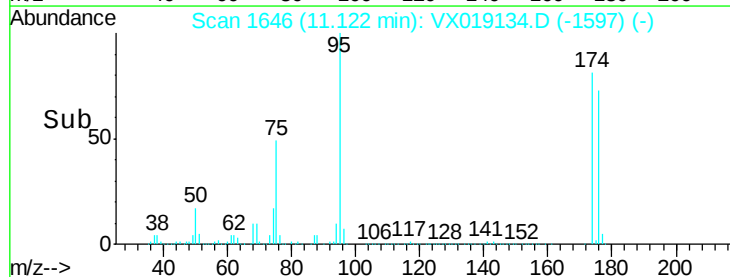
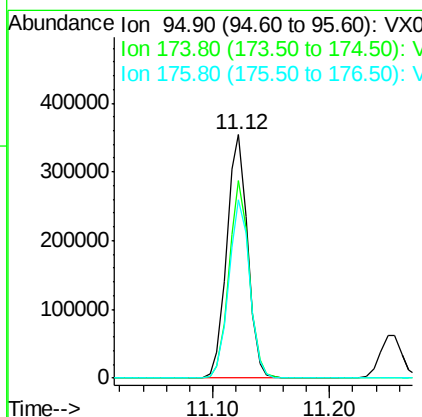
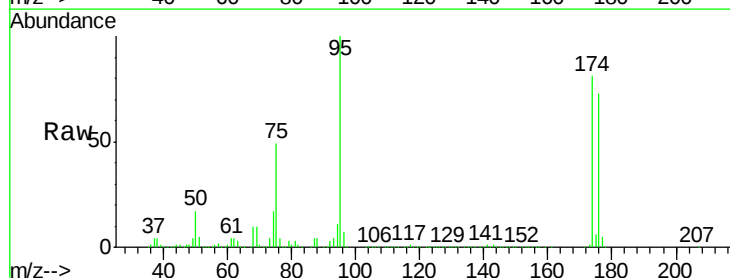
Manual Integrations
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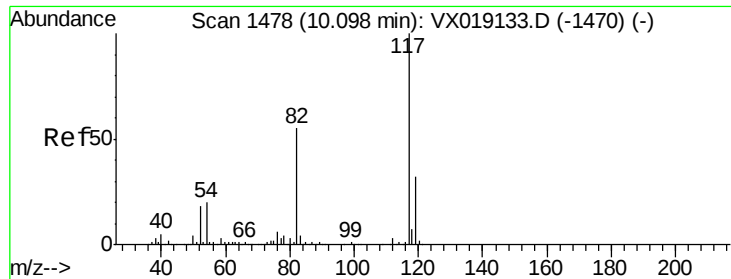
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 106.663 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	438937		
174	78.7	0.0	156.0	
176	73.5	0.0	149.8	





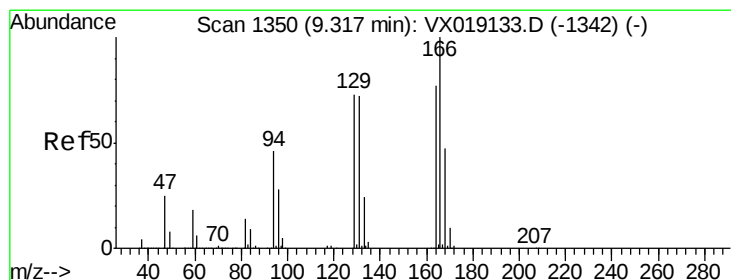
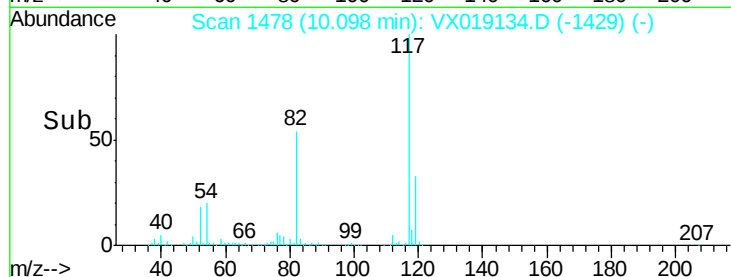
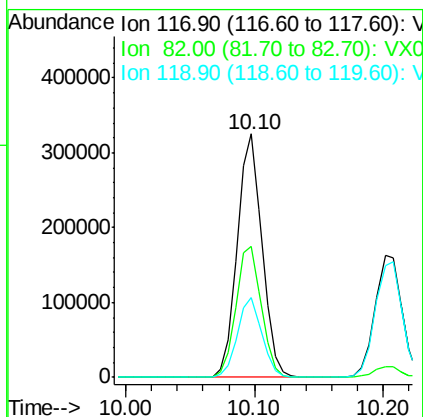
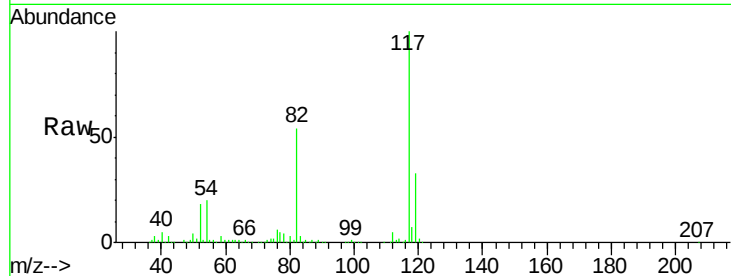
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	433948		
82	53.8		43.6	65.4
119	32.5		25.5	38.3

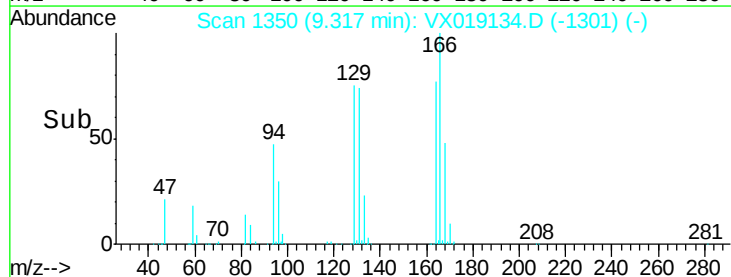
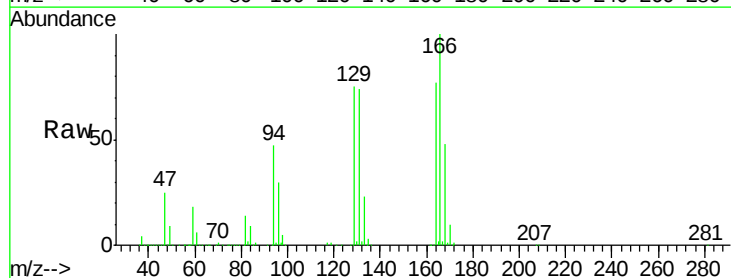
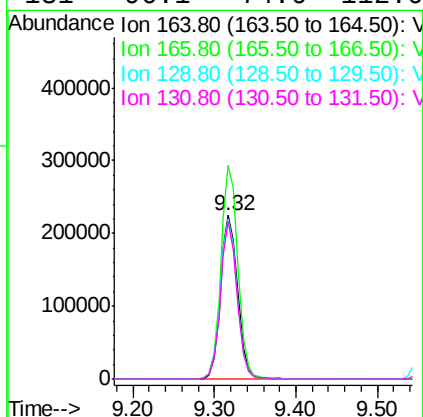
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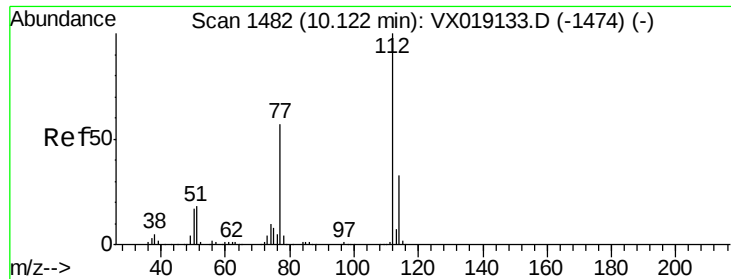
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#64
Tetrachloroethene
Concen: 99.405 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	328781		
166	130.7		104.1	156.1
129	98.1		76.2	114.4
131	96.1		74.6	112.0





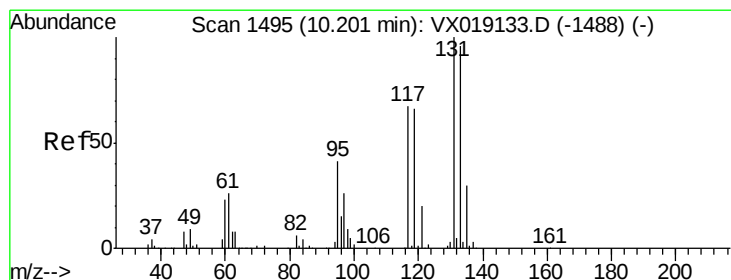
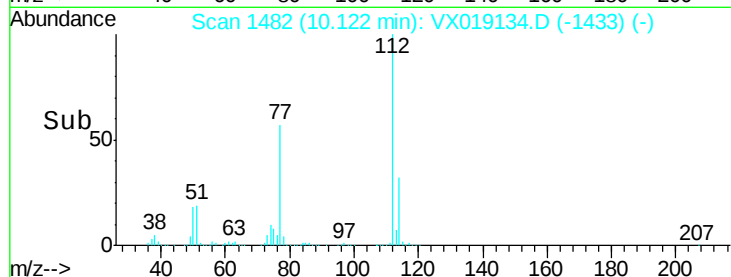
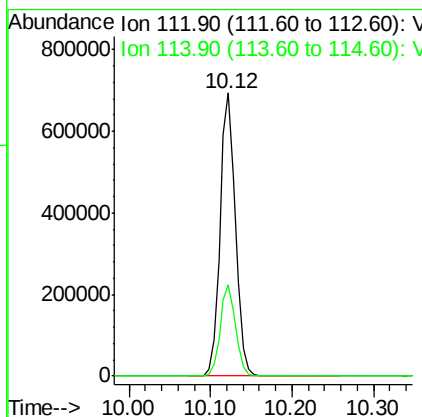
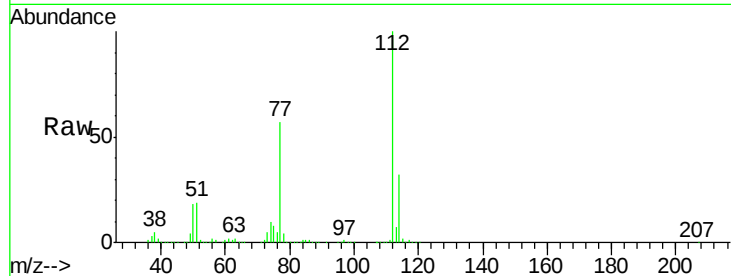
#65
Chlorobenzene
Concen: 105.688 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	26.1	39.1

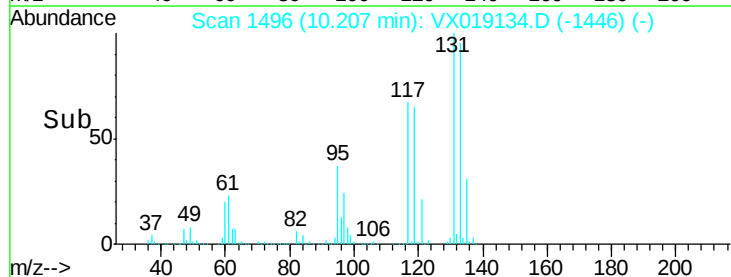
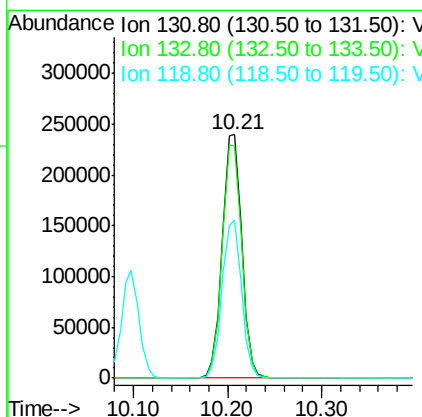
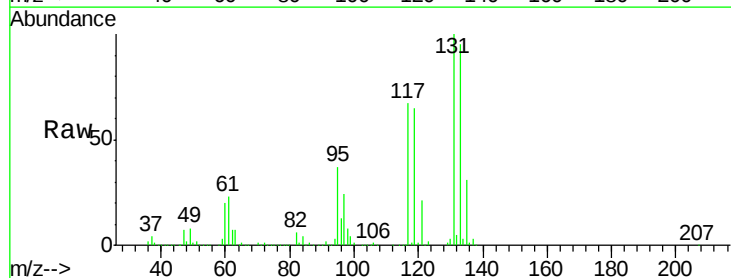
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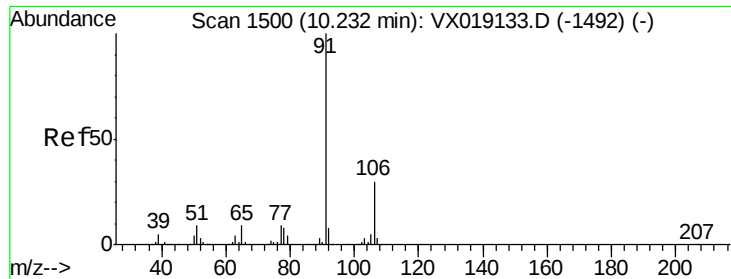
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#66
1,1,1,2-Tetrachloroethane
Concen: 110.838 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.3	141.8
119	64.9	32.3	96.9





#67

Ethyl Benzene

Concen: 109.100 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1654543

Ion Ratio Lower Upper

91 100

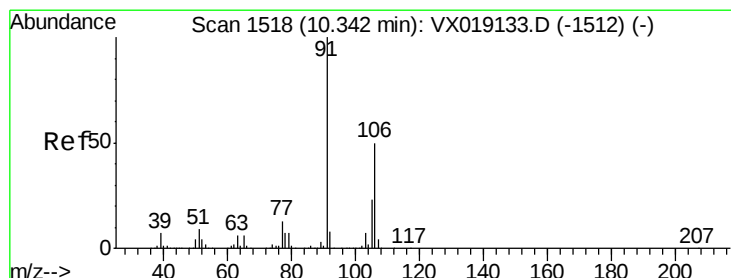
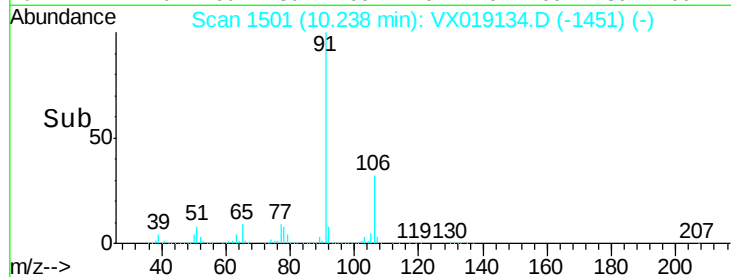
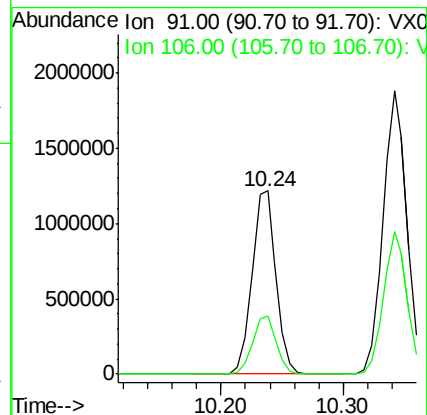
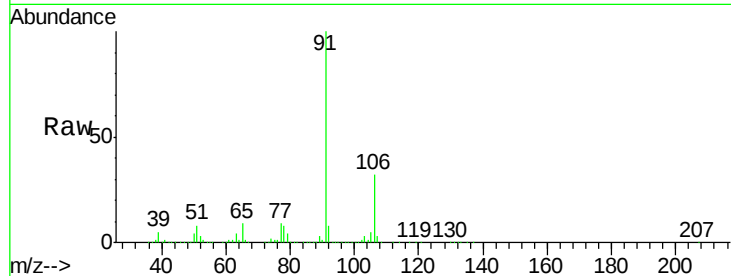
106 31.7 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 216.418 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019134.D

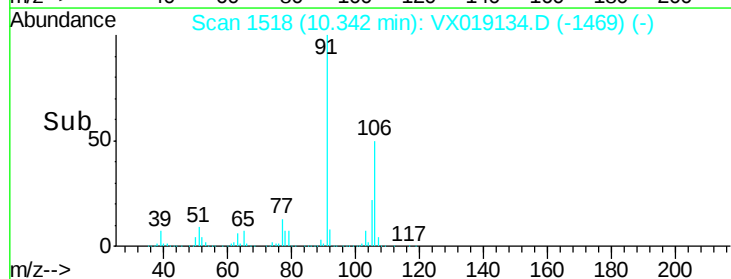
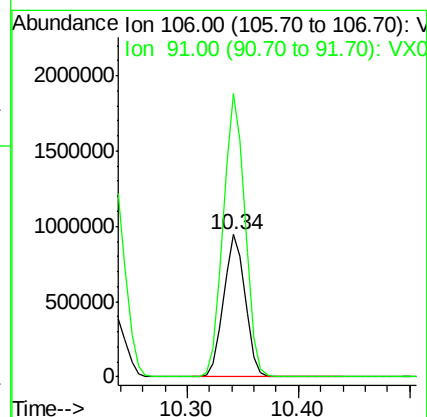
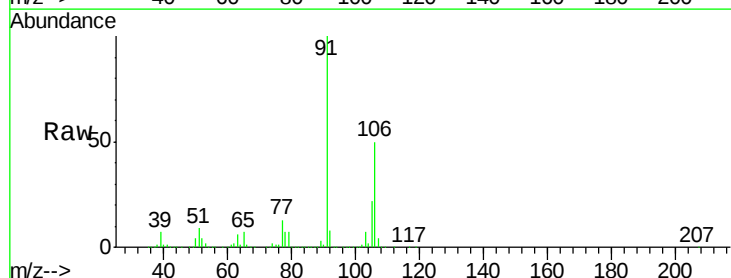
Acq: 27 Oct 2020 13:03

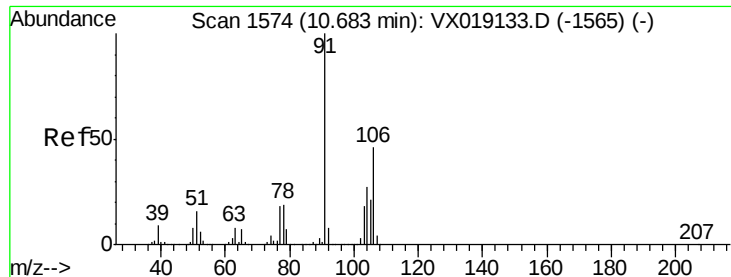
Tgt Ion: 106 Resp: 1261334

Ion Ratio Lower Upper

106 100

91 201.0 161.0 241.4





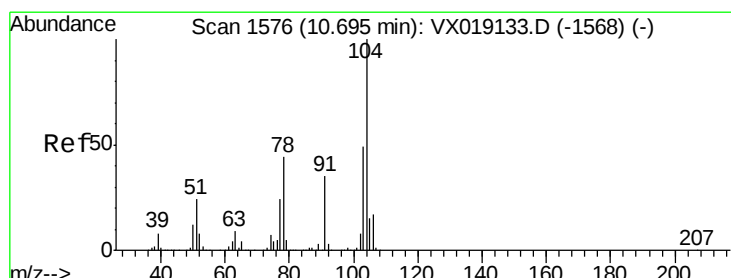
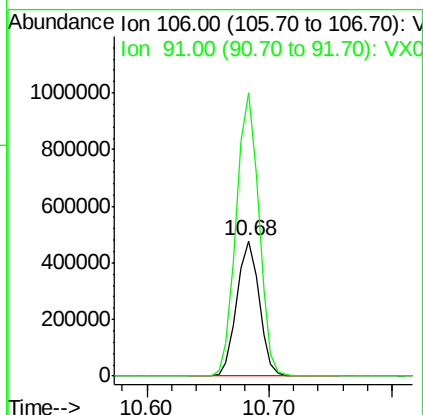
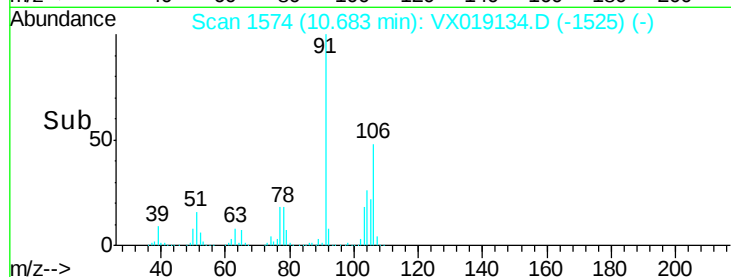
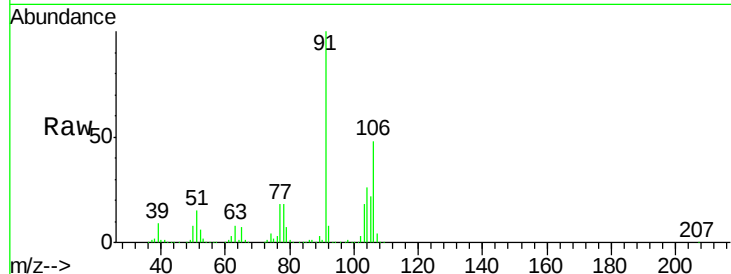
#69
o-Xylene
Concen: 108.243 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 604585
Ion Ratio Lower Upper
106 100
91 211.2 108.3 324.8

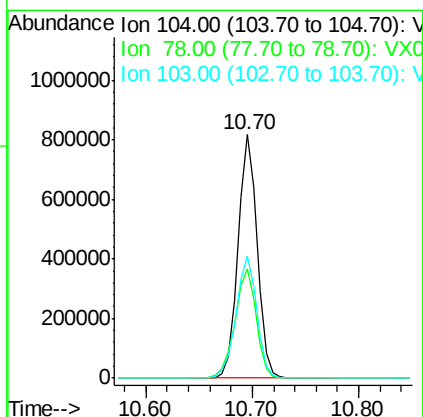
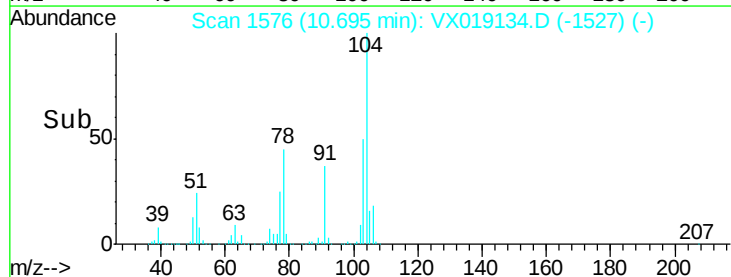
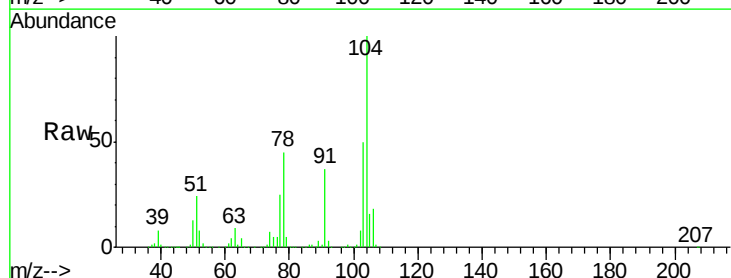
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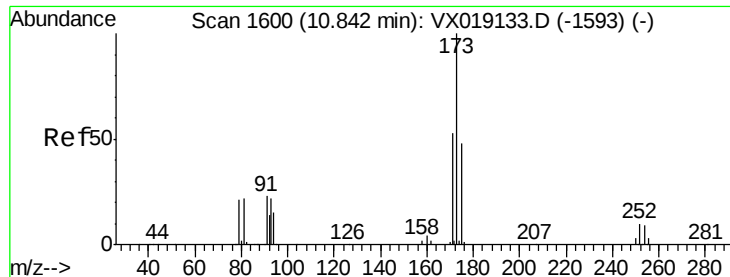
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#70
Styrene
Concen: 111.001 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion:104 Resp: 1032973
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 54.5 43.5 65.3





#71

Bromoform

Concen: 117.789 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

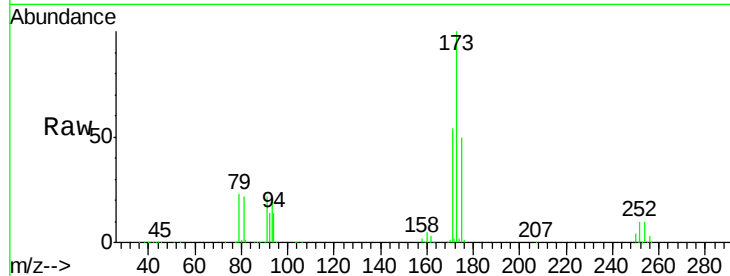
ClientSampleId :

VSTDIC100

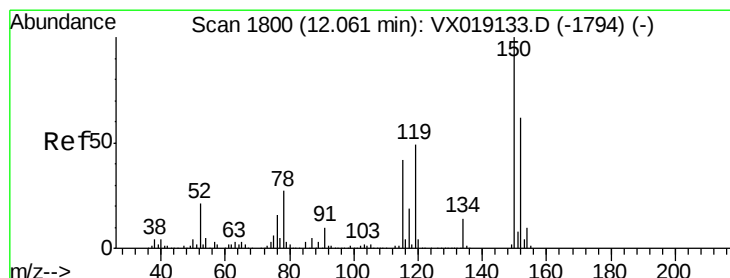
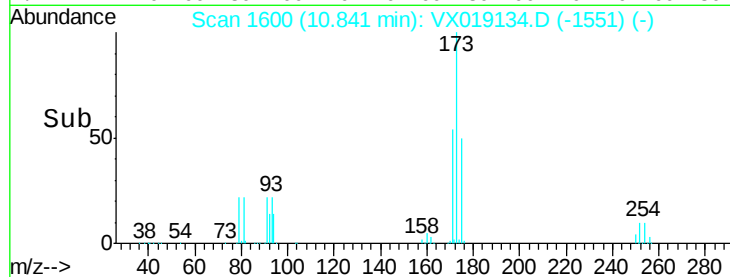
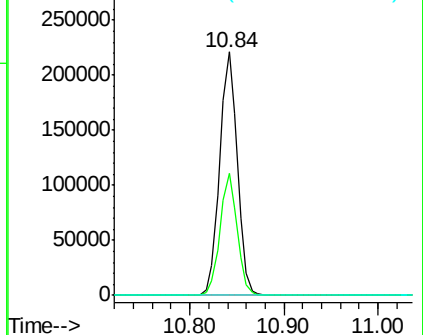
Tot Ion:	173	Resp:	287512
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.4	73.4
254	0.1	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

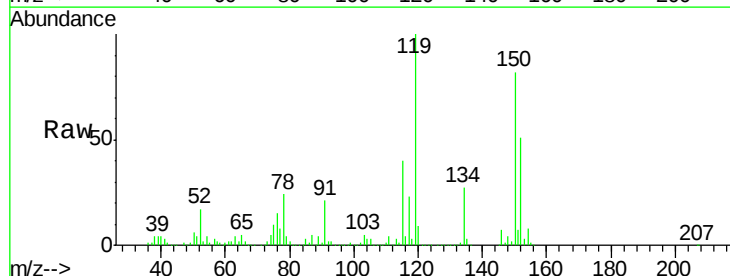
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

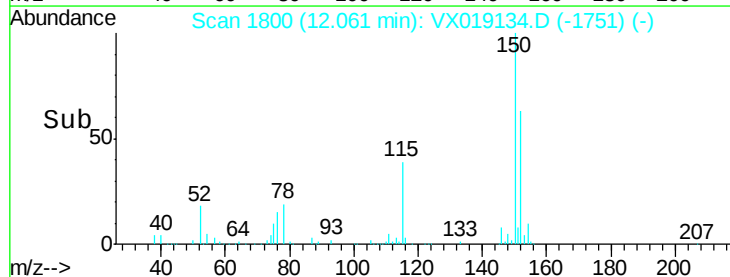
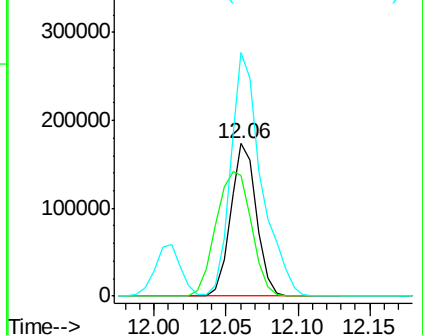
Lab File: VX019134.D

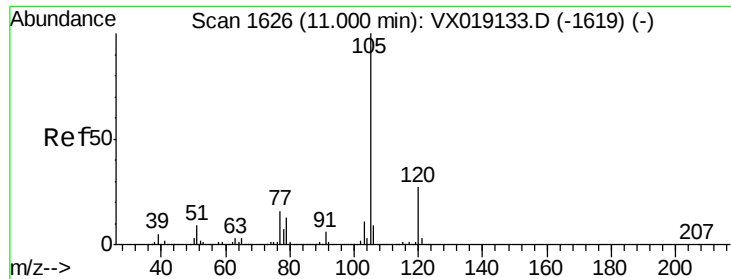
Acq: 27 Oct 2020 13:03

Tgt Ion:	152	Resp:	216643
Ion Ratio	Lower	Upper	
152	100		
115	112.6	41.9	125.7
150	189.9	0.0	347.8



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





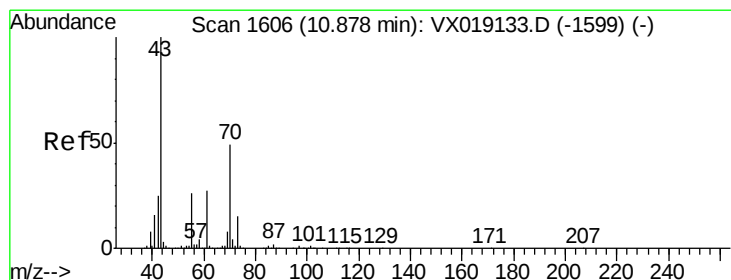
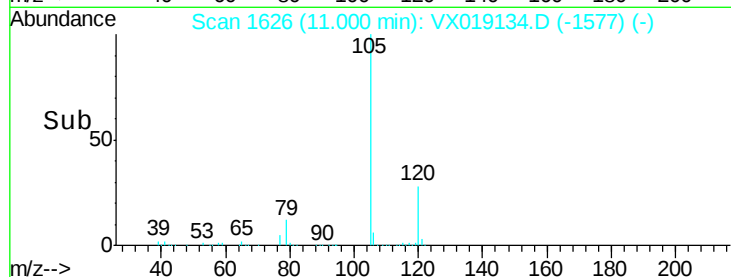
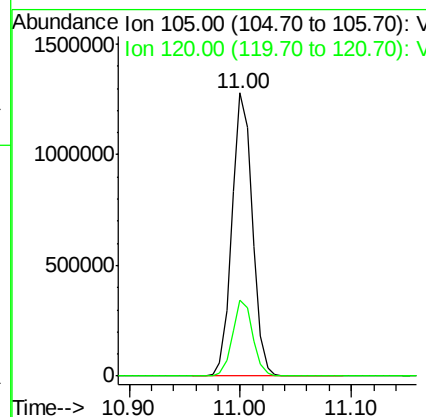
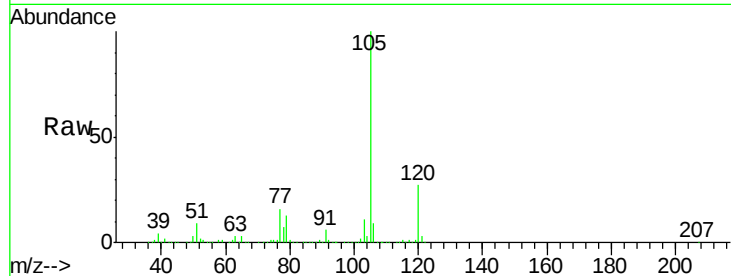
#73
Isopropylbenzene
Concen: 111.298 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:105 Resp: 1620737
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8

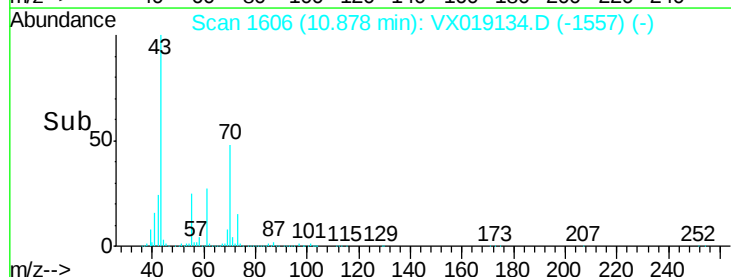
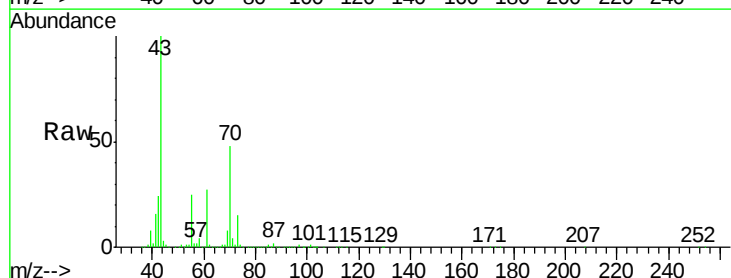
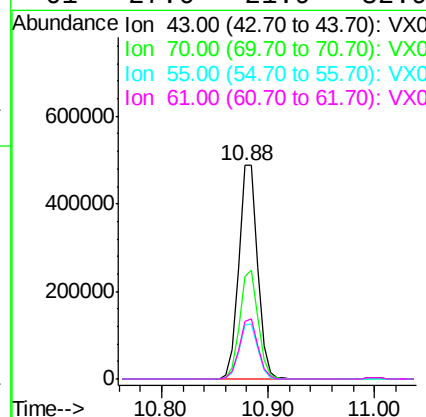
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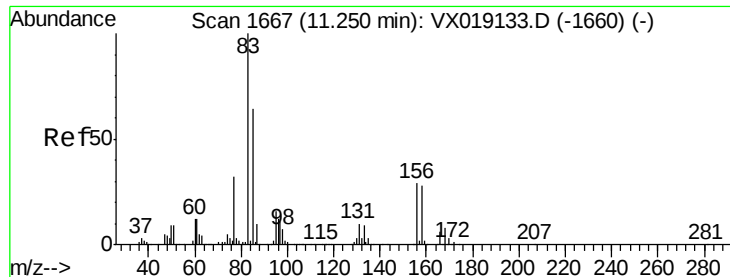
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#74
N-ethyl acetate
Concen: 128.507 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 43 Resp: 606774
Ion Ratio Lower Upper
43 100
70 49.8 39.6 59.4
55 25.7 20.7 31.1
61 27.6 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 111.279 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 506128
Ion Ratio Lower Upper

83 100

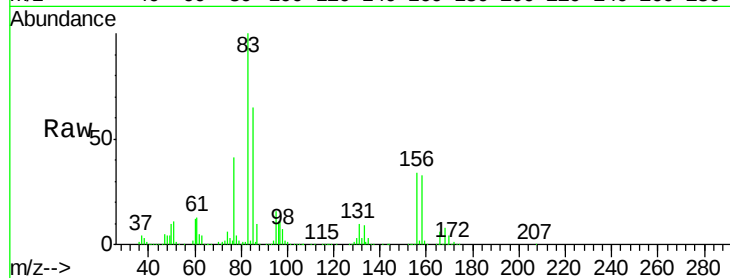
131 10.4 5.2 15.6

85 64.4 32.1 96.3

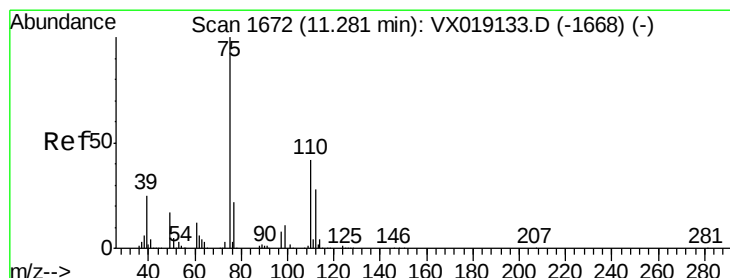
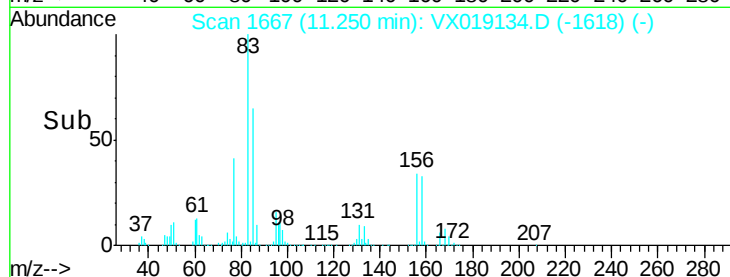
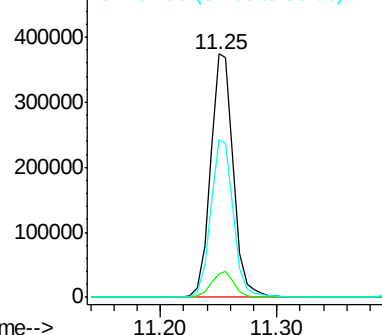
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 114.815 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

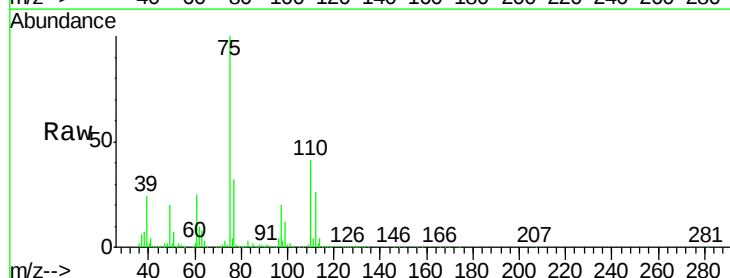
Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

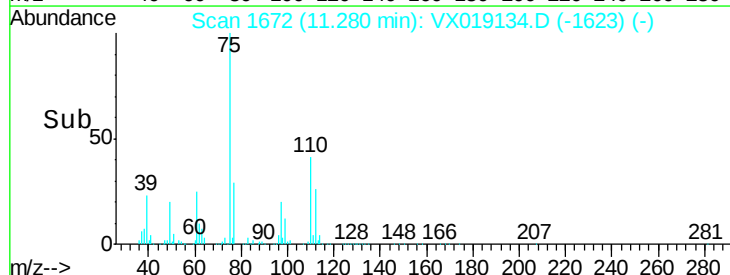
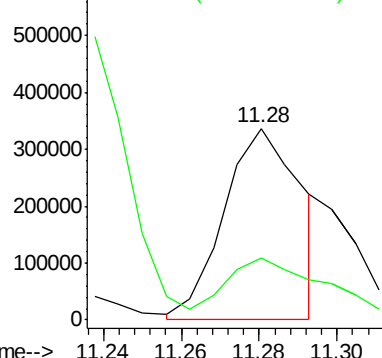
Tgt Ion: 75 Resp: 464854
Ion Ratio Lower Upper

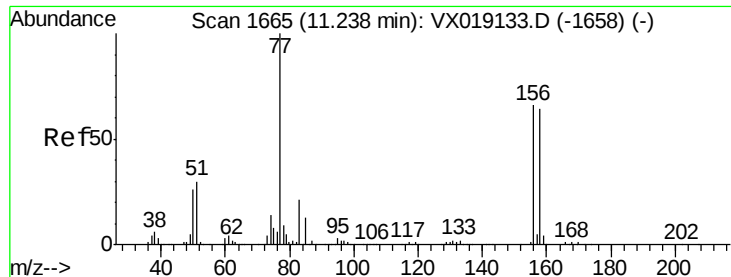
75 100

77 41.9 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 108.632 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

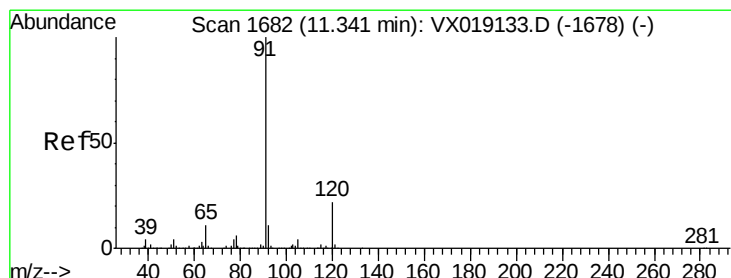
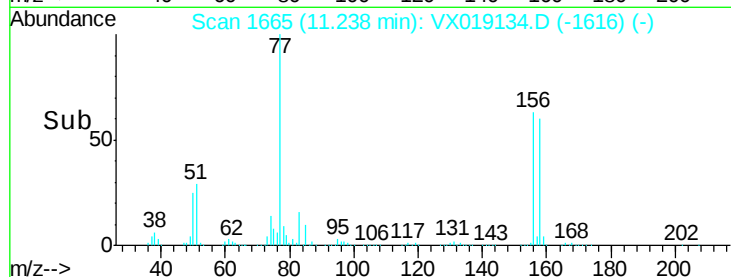
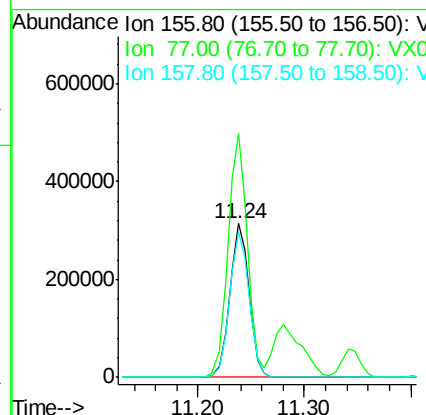
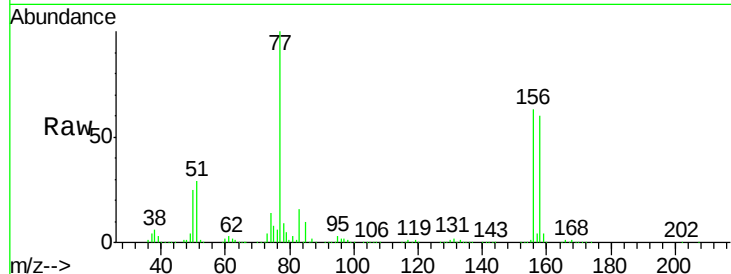
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		396147		
77	159.8	77.7	233.1		
158	96.3	48.3	144.8		

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#78

n-propylbenzene

Concen: 113.063 ug/l

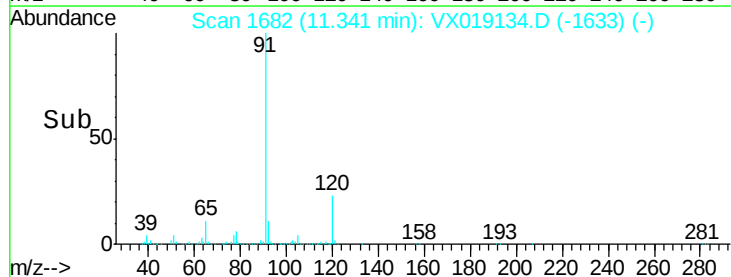
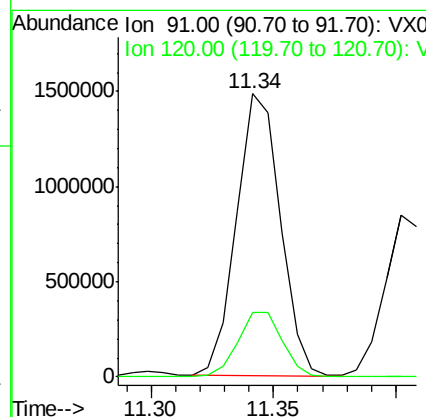
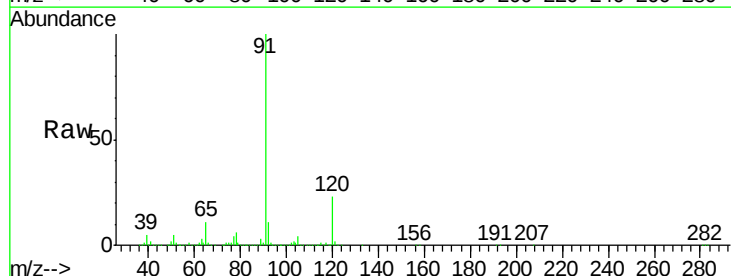
RT: 11.34 min Scan# 1682

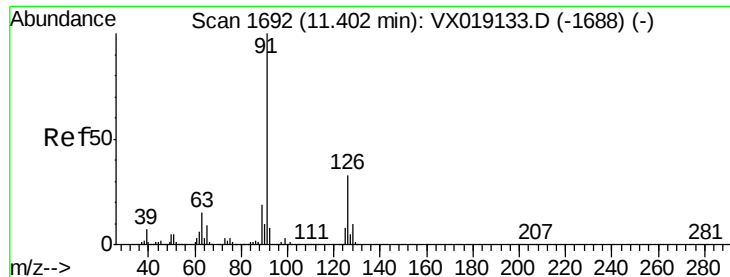
Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		1847610		
120	23.5	11.7	35.0		





#79

2-Chlorotoluene

Concen: 111.981 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1075983

Ion Ratio Lower Upper

91 100

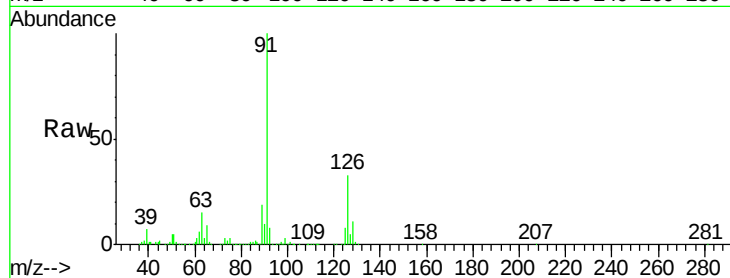
126 34.0 16.9 50.7

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Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)

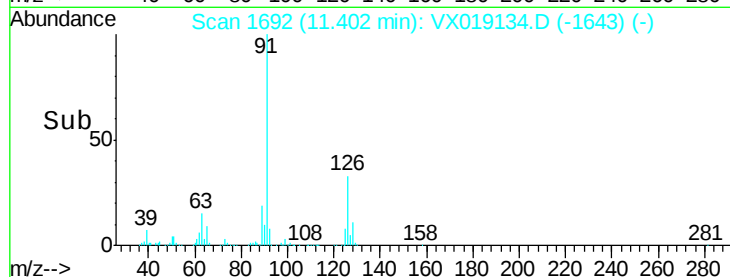
1500000

1000000

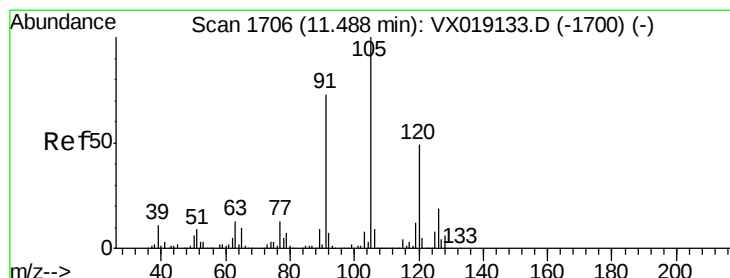
500000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 113.818 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019134.D

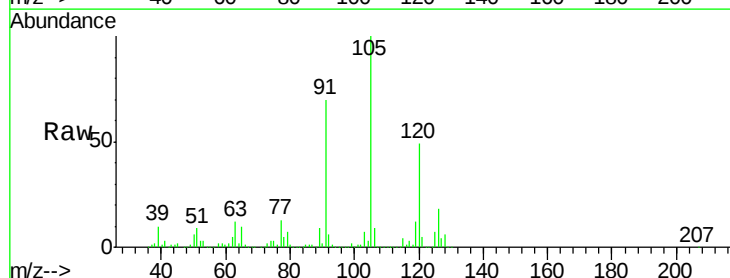
Acq: 27 Oct 2020 13:03

Tgt Ion:105 Resp: 1367789

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)

1200000

1000000

800000

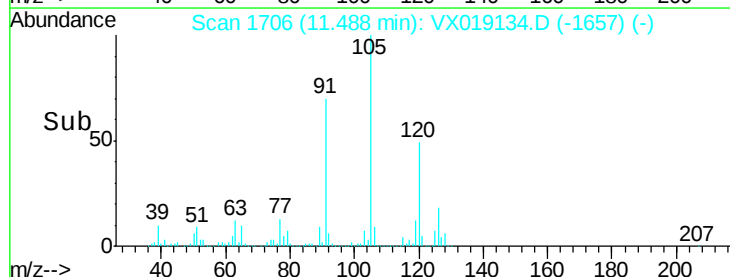
600000

400000

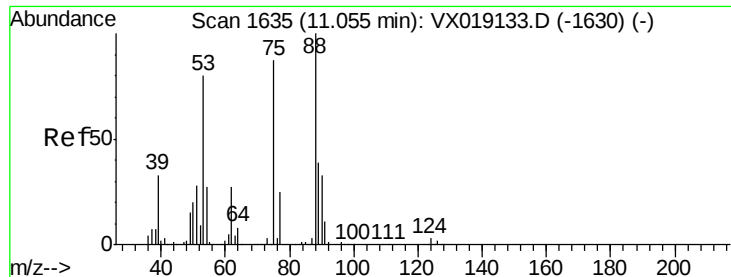
200000

0

11.45 11.50 11.55



Time-->



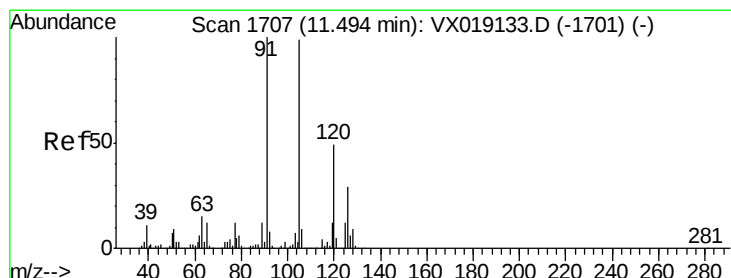
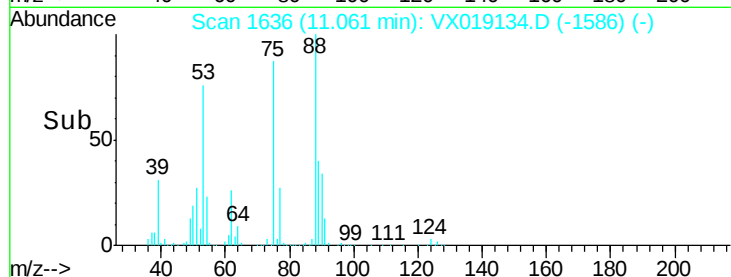
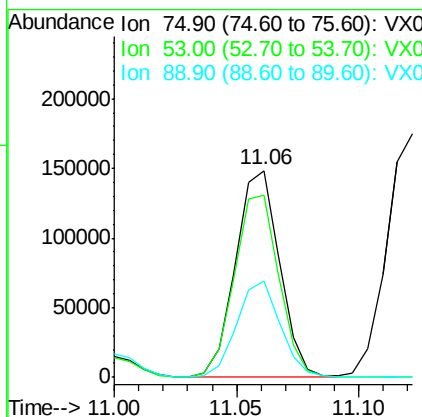
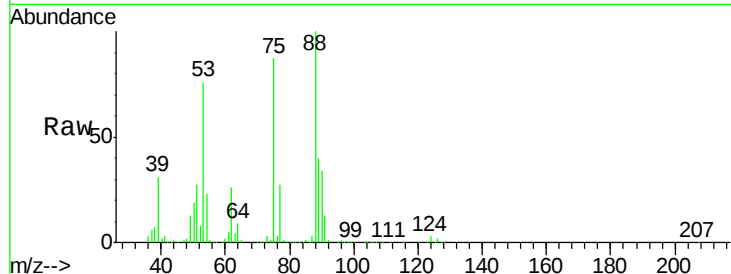
#81
trans-1,4-Dichloro-2-butene
Concen: 120.917 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.0	73.3	109.9
89	46.4	38.2	57.2

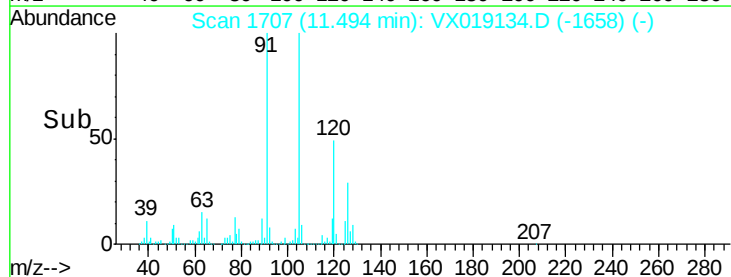
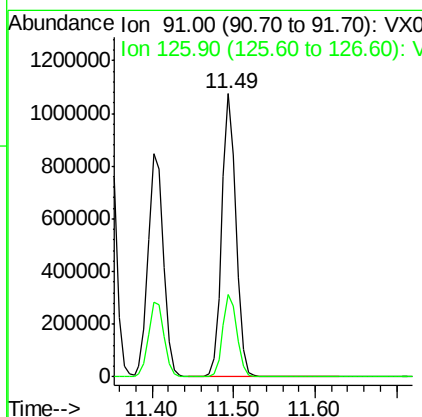
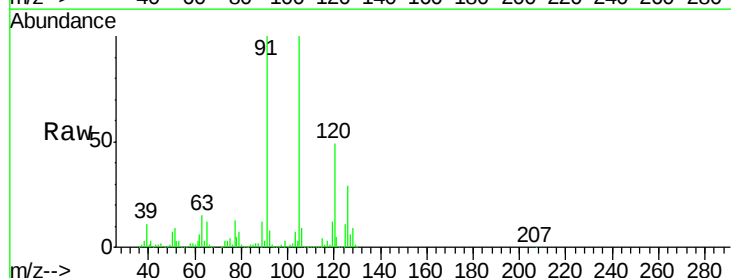
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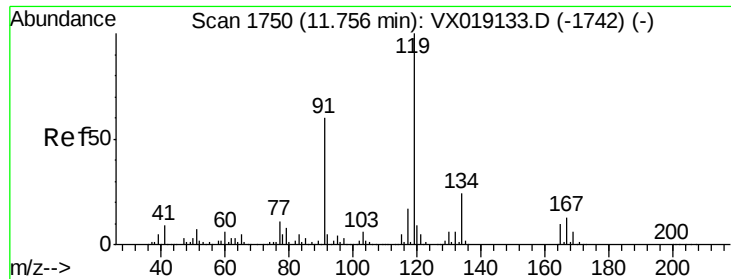
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#82
4-Chlorotoluene
Concen: 114.643 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.8	44.4





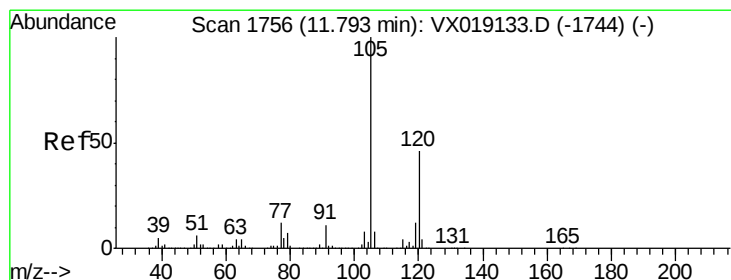
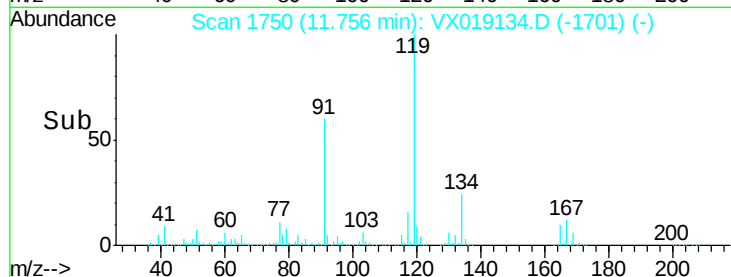
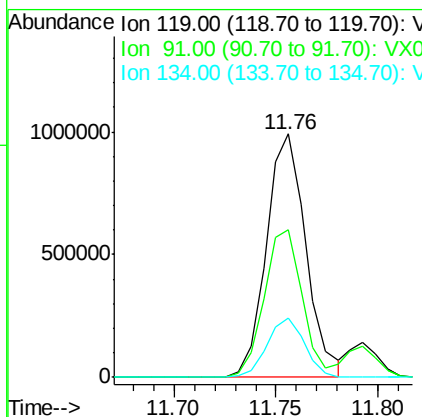
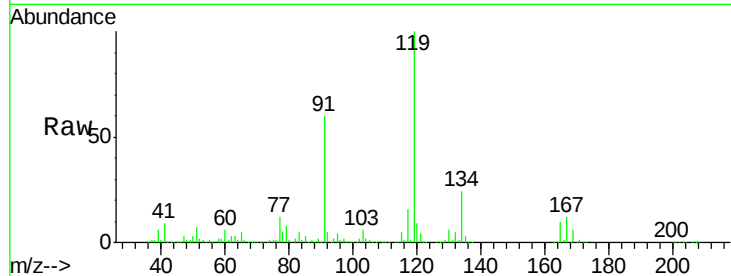
#83
tert-Butylbenzene
Concen: 113.847 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.0	87.1
134	23.0	11.7	35.0

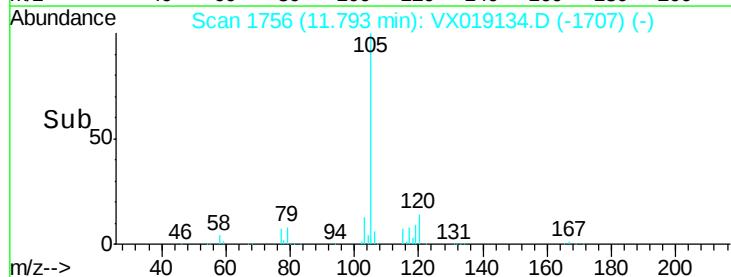
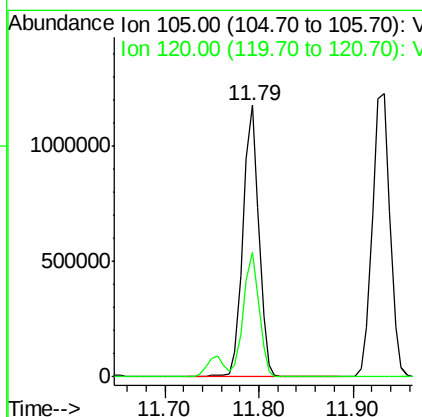
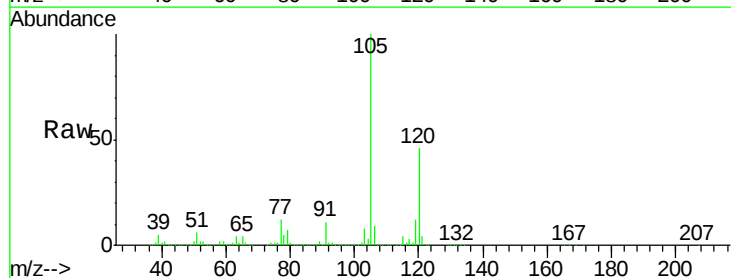
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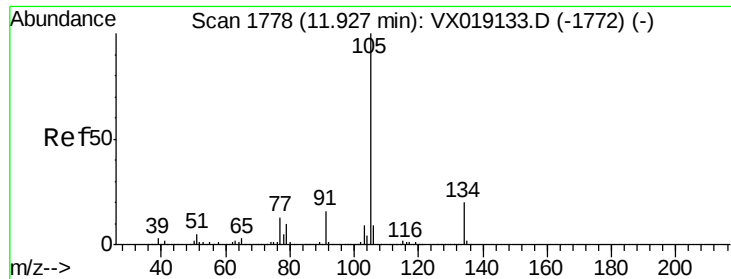
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#84
1,2,4-Trimethylbenzene
Concen: 113.376 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.4	67.3





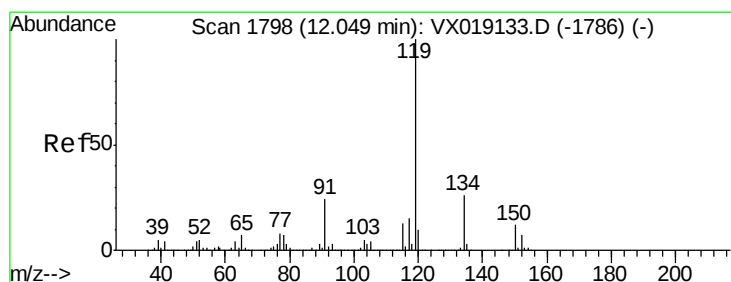
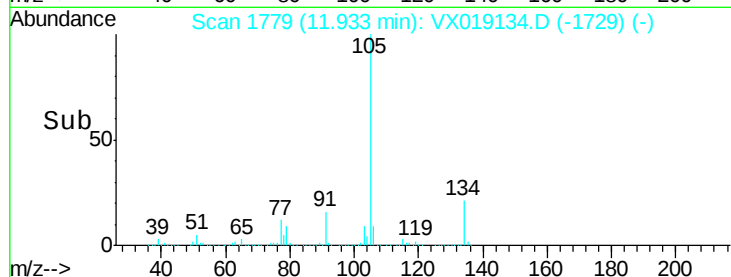
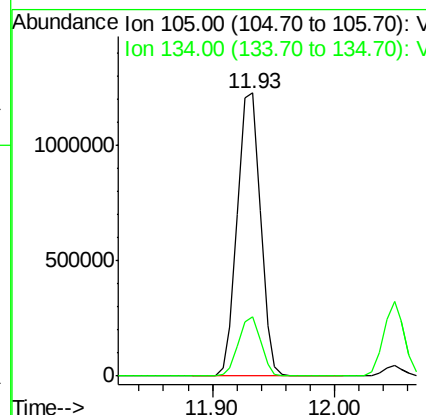
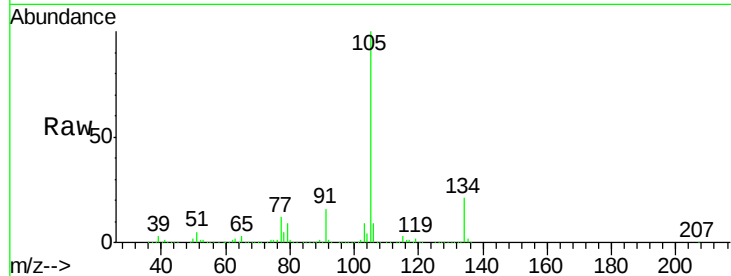
#85
 sec-Butylbenzene
 Concen: 113.267 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 1596244
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

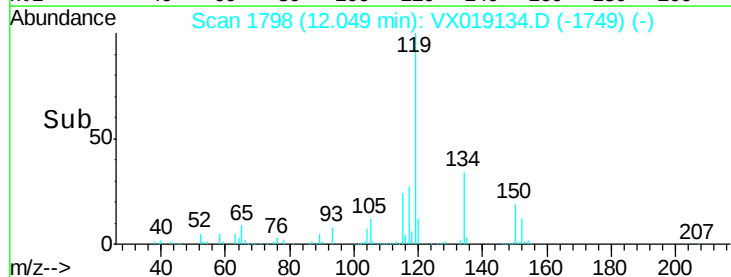
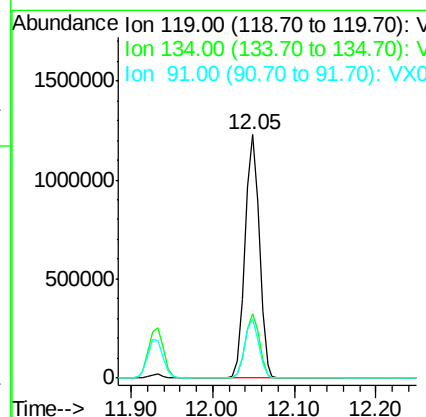
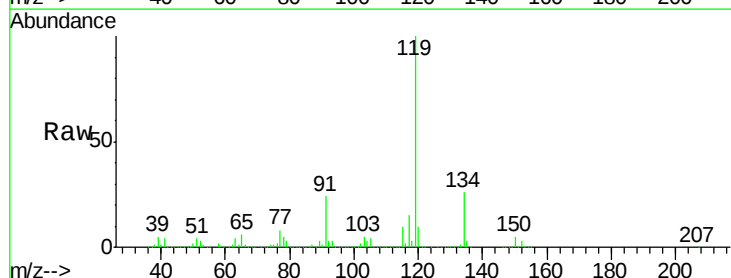
Manual Integrations
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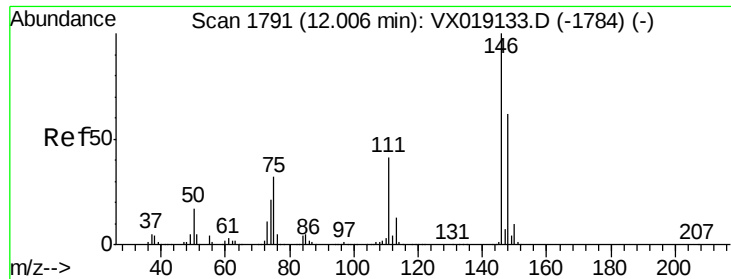
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#86
 p-Isopropyltoluene
 Concen: 112.155 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion:119 Resp: 1463208
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 24.2 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 108.564 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

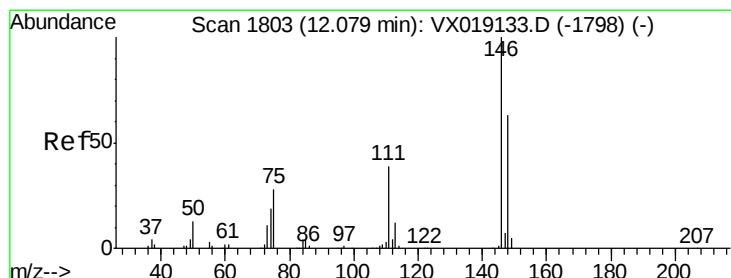
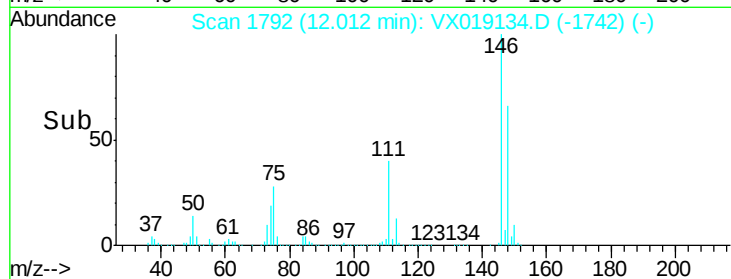
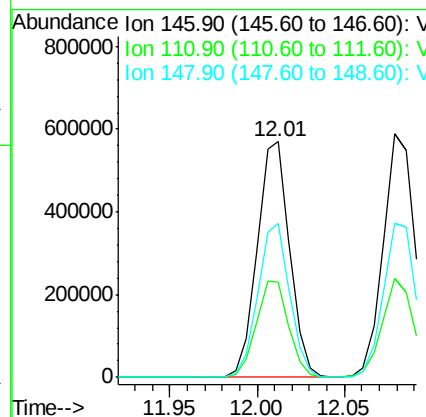
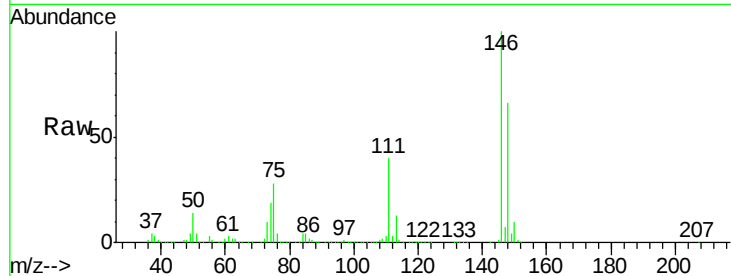
ClientSampleId :

VSTDIC100

Tot Ion:	146	Resp:	732630
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.4	61.2
148	64.1	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 105.634 ug/l

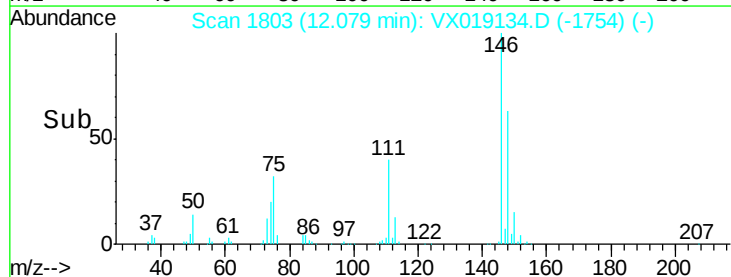
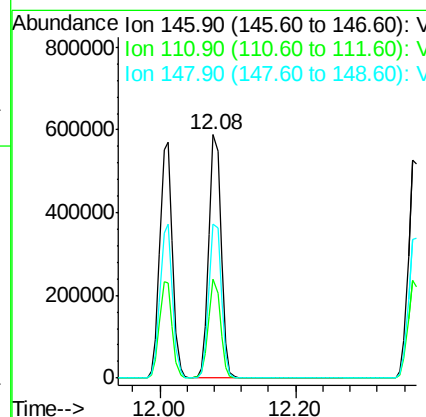
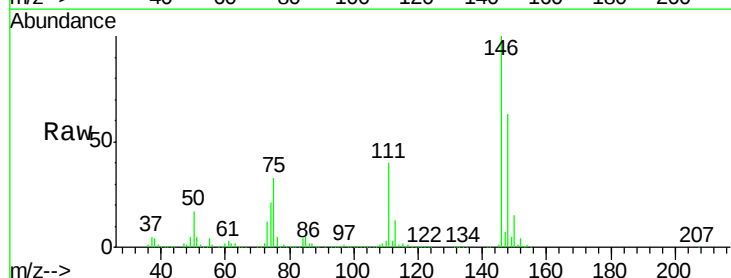
RT: 12.08 min Scan# 1803

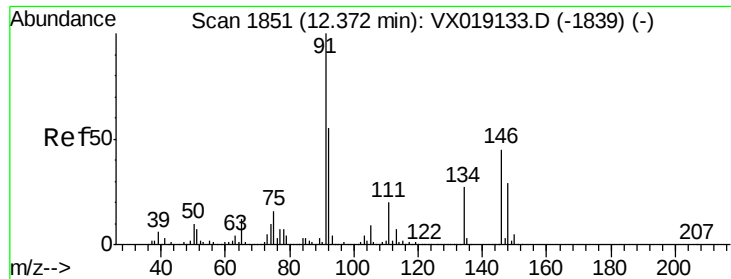
Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Tgt Ion:	146	Resp:	742811
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.2	60.5
148	64.1	31.3	93.8





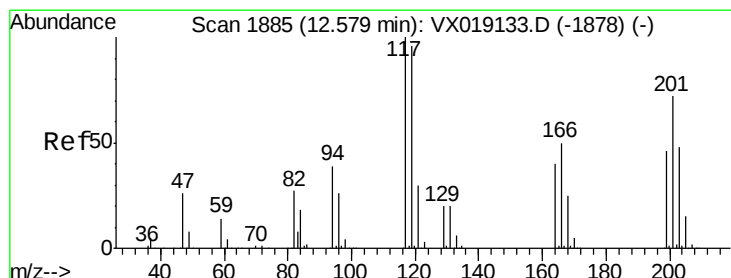
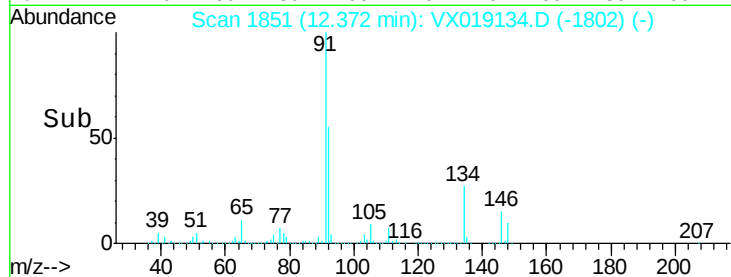
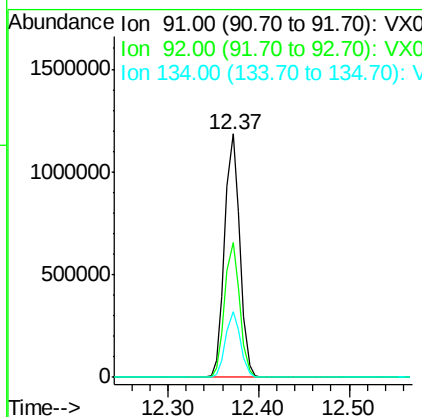
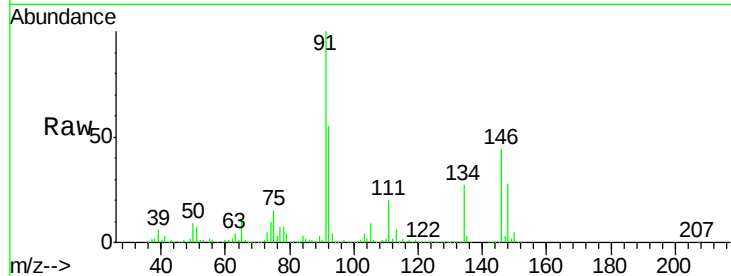
#89
n-Butylbenzene
Concen: 116.101 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1380794
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.4
134 26.3 13.2 39.6

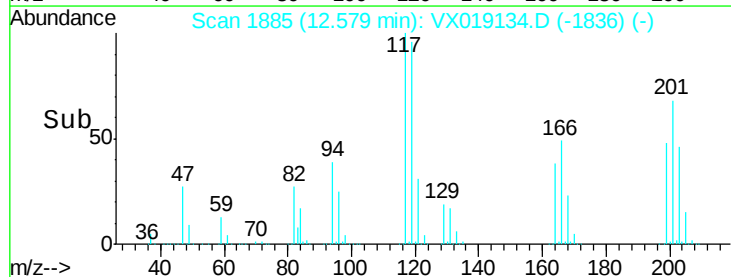
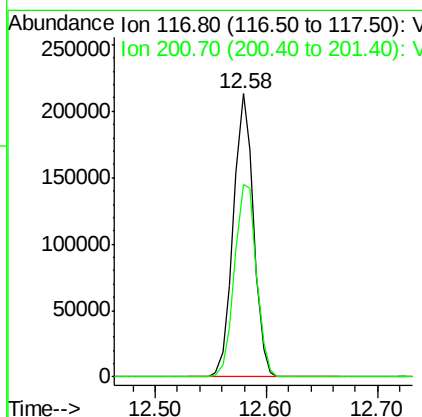
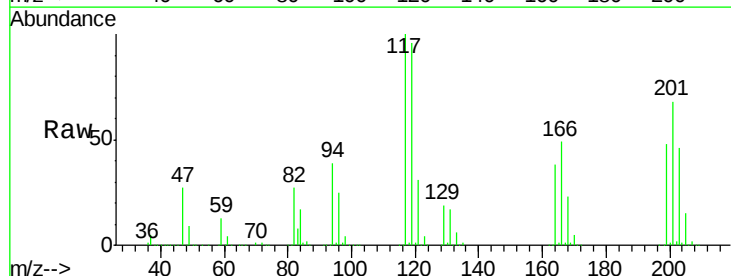
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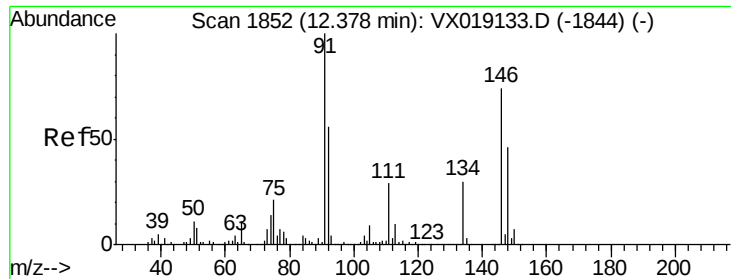
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#90
Hexachloroethane
Concen: 122.493 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019134.D
Acq: 27 Oct 2020 13:03

Tgt Ion: 117 Resp: 267355
Ion Ratio Lower Upper
117 100
201 73.8 38.5 115.3





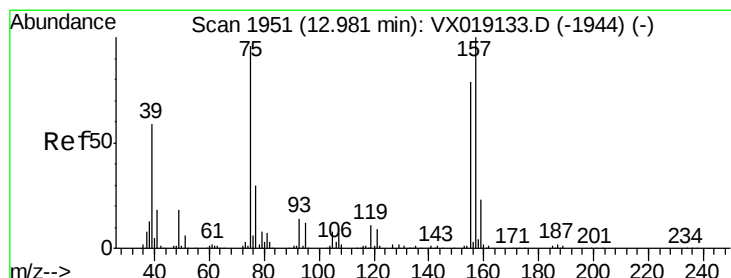
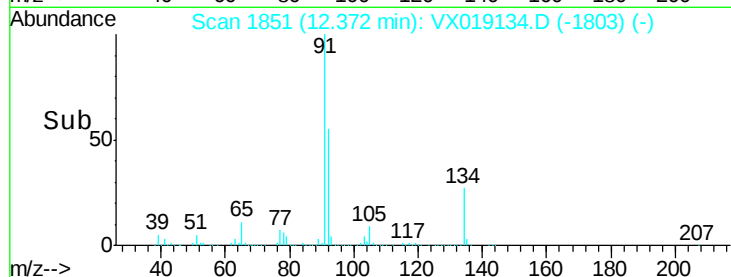
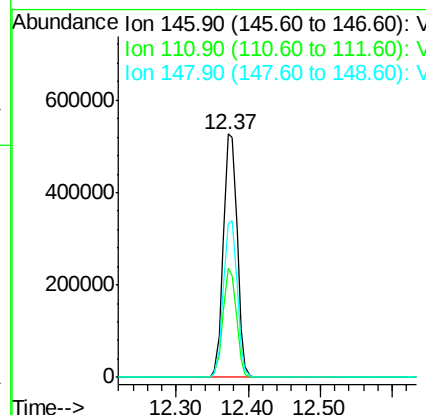
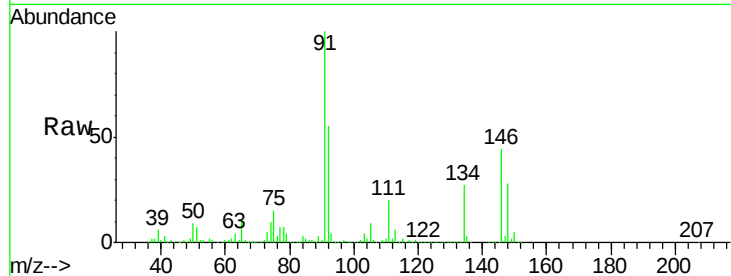
#91
 1,2-Dichlorobenzene
 Concen: 105.458 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	696942		
111	43.4	21.2	63.6	
148	64.0	31.6	94.7	

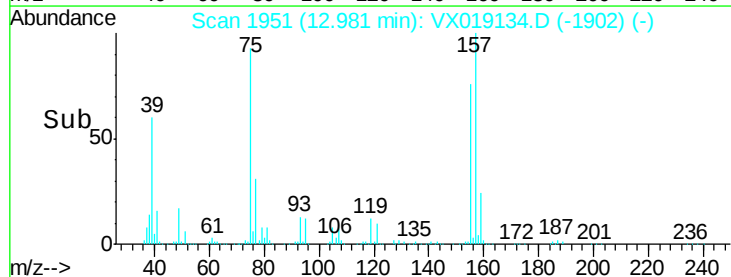
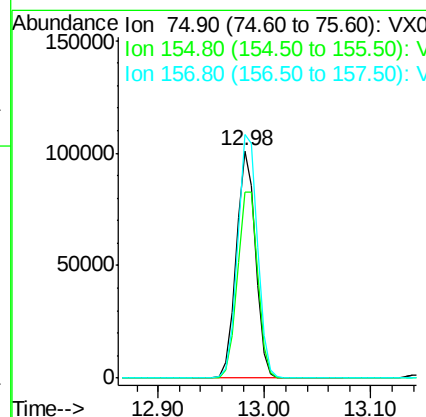
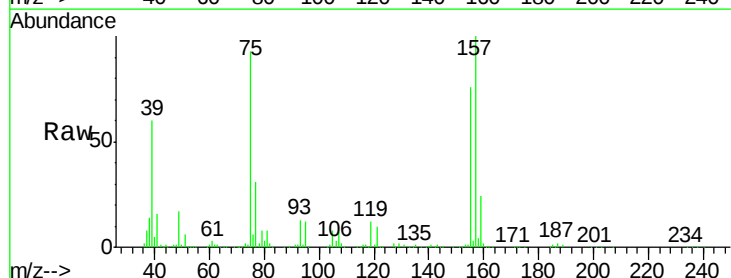
Manual Integrations
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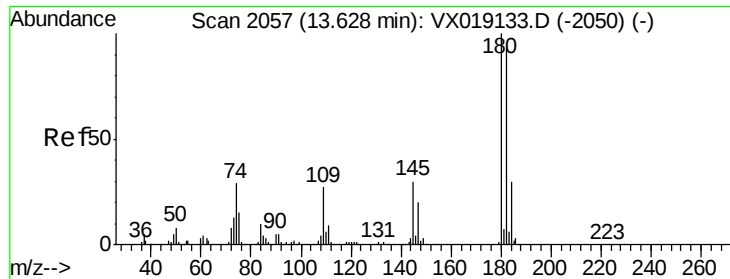
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 127.999 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	128566		
155	86.3	42.8	128.4	
157	110.3	54.8	164.4	





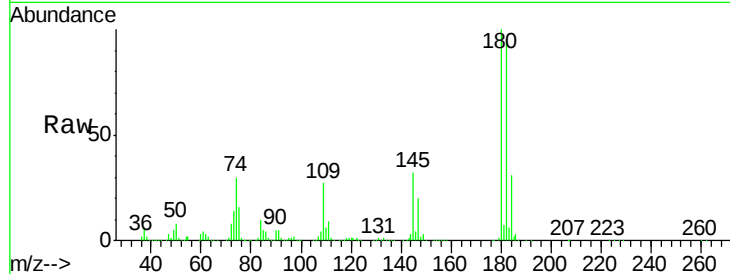
#93
 1,2,4-Trichlorobenzene
 Concen: 114.071 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

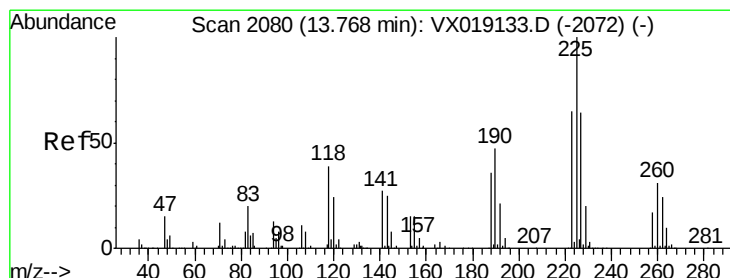
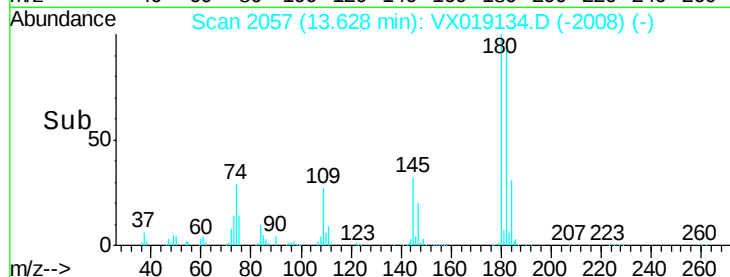
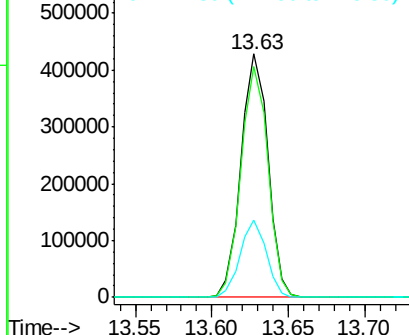
Tot Ion	Ratio	Resp	Lower	Upper
180	100	525478		
182	95.0	46.8	140.3	
145	30.9	15.5	46.5	

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:33:11 PM

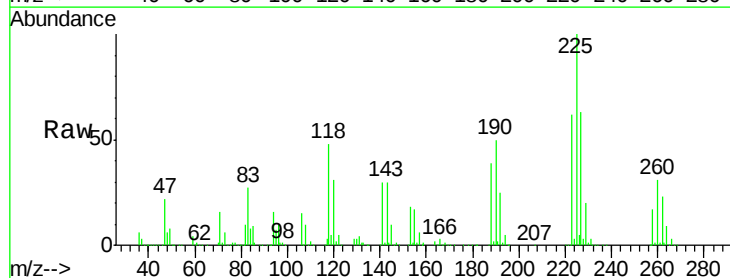


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

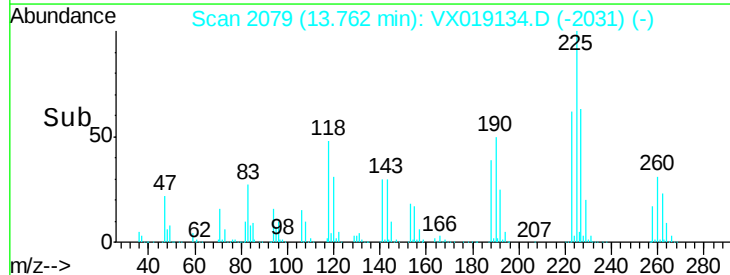
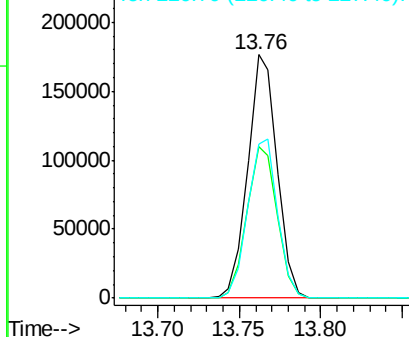


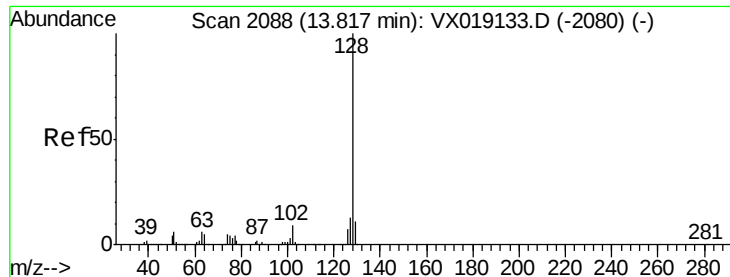
#94
 Hexachlorobutadiene
 Concen: 108.219 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019134.D
 Acq: 27 Oct 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	221484		
223	64.2	32.4	97.2	
227	66.6	31.6	94.7	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 118.828 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:128 Resp: 1723820

Ion Ratio Lower Upper

128 100

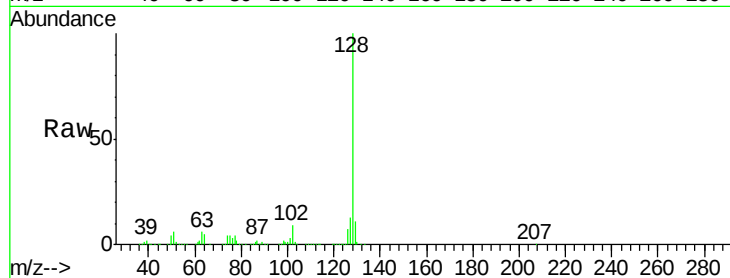
127 12.8 10.3 15.5

129 10.9 8.6 13.0

Manual Integrations
APPROVED

MMDadoda

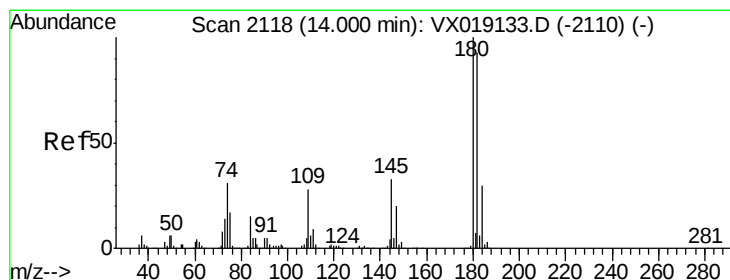
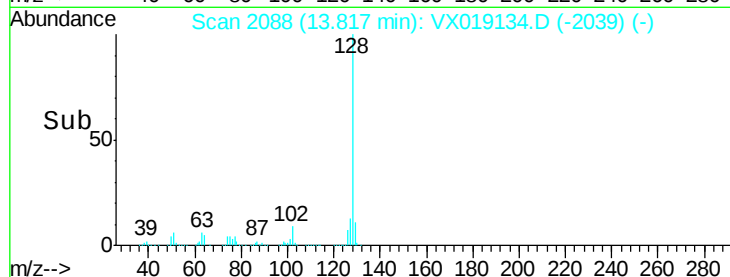
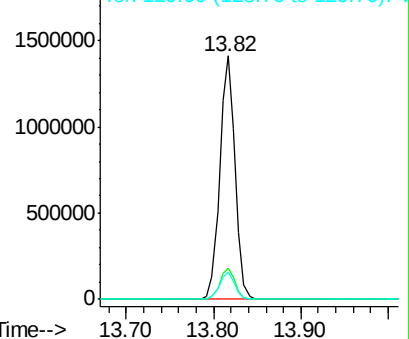
10/28/2020 12:33:11 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 113.106 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019134.D

Acq: 27 Oct 2020 13:03

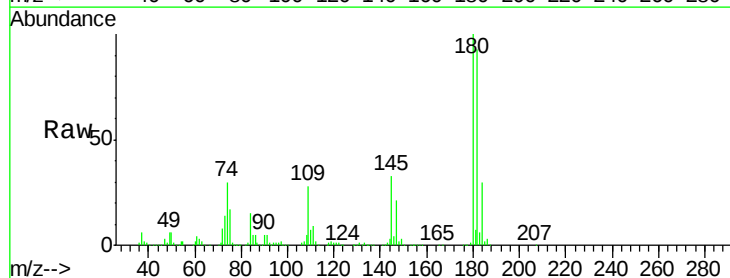
Tgt Ion:180 Resp: 511177

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.3

145 33.6 16.5 49.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

