

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102620\
 Data File : VX019125.D
 Acq On : 26 Oct 2020 18:09
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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 10/27/2020 6:55:27 PM

Quant Time: Oct 26 19:07:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102620W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 26 18:50:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	161802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	271683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	243094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	122092	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	33522	14.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.20%	
35) Dibromofluoromethane	5.46	113	28407	14.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.70%	
50) Toluene-d8	8.70	98	109339	14.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	29.84%	
62) 4-Bromofluorobenzene	11.12	95	37182	15.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	23677	18.722	ug/l	97
3) Chloromethane	1.31	50	25223	18.237	ug/l	100
4) Vinyl Chloride	1.39	62	32129	18.559	ug/l	100
5) Bromomethane	1.64	94	27704	19.519	ug/l	97
6) Chloroethane	1.71	64	21852	18.657	ug/l	99
7) Trichlorofluoromethane	1.92	101	55855	18.969	ug/l	97
8) Diethyl Ether	2.17	74	21579	18.459	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27125	18.330	ug/l	99
10) Methyl Iodide	2.50	142	27283	18.267	ug/l	98
11) Tert butyl alcohol	3.01	59	33870	85.629	ug/l	99
12) 1,1-Dichloroethene	2.35	96	27529	18.543	ug/l	97
13) Acrolein	2.28	56	15563	78.134	ug/l	95
14) Allyl chloride	2.71	41	35157	18.314	ug/l	99
15) Acrylonitrile	3.12	53	73383	95.296	ug/l	99
16) Acetone	2.42	43	56595	90.133	ug/l	99
17) Carbon Disulfide	2.55	76	74940	18.275	ug/l	97
18) Methyl Acetate	2.75	43	27339	17.639	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	95709	18.852	ug/l	100
20) Methylene Chloride	2.84	84	32236	17.492	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	31624	17.993	ug/l	98
22) Diisopropyl ether	3.82	45	76934	18.937	ug/l #	82
23) Vinyl Acetate	3.78	43	336625	95.425	ug/l	98
24) 1,1-Dichloroethane	3.67	63	51311	19.075	ug/l	98
25) 2-Butanone	4.64	43	91660	92.992	ug/l	100
26) 2,2-Dichloropropane	4.55	77	47474	18.640	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	36943	18.812	ug/l	98
28) Bromochloromethane	4.98	49	21766	18.792	ug/l	99
29) Tetrahydrofuran	5.09	42	57450	92.766	ug/l	99
30) Chloroform	5.18	83	55743	18.610	ug/l	96
31) Cyclohexane	5.55	56	43335	18.339	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	50575	19.185	ug/l	99
36) 1,1-Dichloropropene	5.77	75	42888	18.353	ug/l	98
37) Ethyl Acetate	4.79	43	35347	17.359	ug/l	98
38) Carbon Tetrachloride	5.75	117	42942	18.205	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	53558	18.851	ug/l	99
40) Benzene	6.11	78	126462	18.412	ug/l	98
41) Methacrylonitrile	5.00	41	18891	18.287	ug/l	99
42) 1,2-Dichloroethane	6.16	62	43025	18.602	ug/l	99
43) Isopropyl Acetate	6.41	43	60589	18.439	ug/l	99
44) Trichloroethene	7.19	130	35399	18.040	ug/l	99
45) 1,2-Dichloropropane	7.49	63	29780	18.712	ug/l	97
46) Dibromomethane	7.64	93	22412	18.661	ug/l	99
47) Bromodichloromethane	7.87	83	43248	18.820	ug/l	97
48) Methyl methacrylate	7.74	41	28559	18.725	ug/l	97
49) 1,4-Dioxane	7.72	88	15727	387.700	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	179448	94.628	ug/l	100
52) Toluene	8.76	92	81850	18.673	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	47306	18.819	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	51581	19.067	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	32354	18.559	ug/l	98
56) Ethyl methacrylate	9.16	69	46487	19.060	ug/l	97
57) 1,3-Dichloropropane	9.35	76	54146	18.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	128765	94.515	ug/l	98
59) 2-Hexanone	9.47	43	136181	95.393	ug/l	98
60) Dibromochloromethane	9.56	129	34057	19.214	ug/l	100
61) 1,2-Dibromoethane	9.65	107	34939	19.084	ug/l	98
64) Tetrachloroethene	9.32	164	34033	18.176	ug/l	96
65) Chlorobenzene	10.12	112	87563	18.645	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	31408	18.971	ug/l	99
67) Ethyl Benzene	10.24	91	153822	18.637	ug/l	99
68) m/p-Xylenes	10.34	106	118807	37.735	ug/l	99
69) o-Xylene	10.68	106	56768	18.936	ug/l	100
70) Styrene	10.69	104	94424	19.206	ug/l	100
71) Bromoform	10.84	173	23549	19.136	ug/l #	98
73) Isopropylbenzene	11.00	105	153138	18.858	ug/l	99
74) N-amyl acetate	10.88	43	47397	19.088	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	47992	18.986	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	42859m	15.985	ug/l	
77) Bromobenzene	11.24	156	36487	18.230	ug/l	93
78) n-propylbenzene	11.34	91	172156	19.022	ug/l	100
79) 2-Chlorotoluene	11.40	91	99513	18.684	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	123759	18.875	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	14523	19.095	ug/l	97
82) 4-Chlorotoluene	11.49	91	117092	18.713	ug/l	100
83) tert-Butylbenzene	11.76	119	122661	19.007	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	126823	19.079	ug/l	100
85) sec-Butylbenzene	11.93	105	148754	19.189	ug/l	100
86) p-Isopropyltoluene	12.05	119	134861	19.098	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	68630	18.473	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	70450	18.435	ug/l	98
89) n-Butylbenzene	12.37	91	122051	18.858	ug/l	100
90) Hexachloroethane	12.58	117	21913	19.362	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	68959	18.817	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	10368	19.436	ug/l	96

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MSVOA_X
ClientSampleId :
VSTDICC020

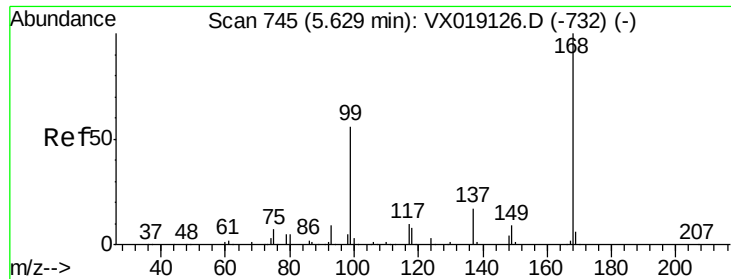
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	46638	18.649	ug/l	99
94) Hexachlorobutadiene	13.76	225	21321	18.850	ug/l	96
95) Naphthalene	13.82	128	149871	19.178	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	45666	18.540	ug/l	99

(#) = 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: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 161802

Ion Ratio Lower Upper

168 100

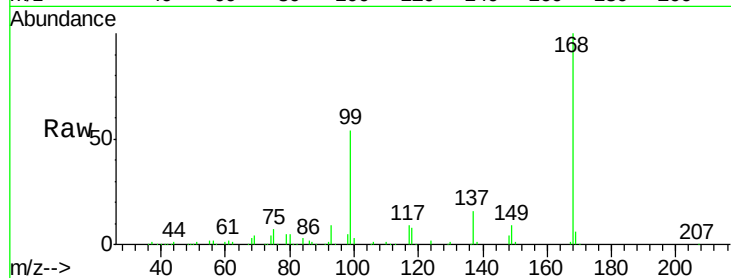
99 54.2 44.4 66.6

Manual Integrations

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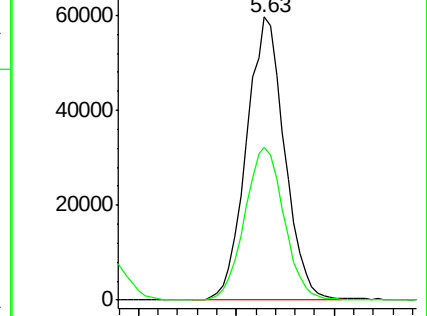
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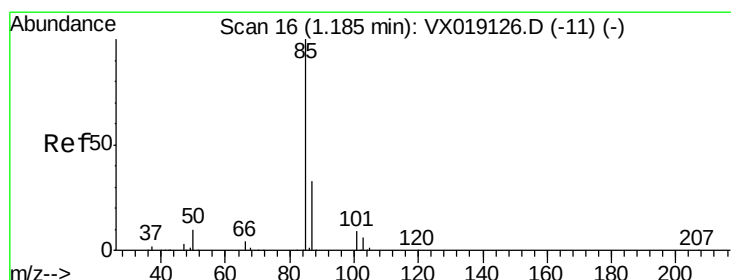
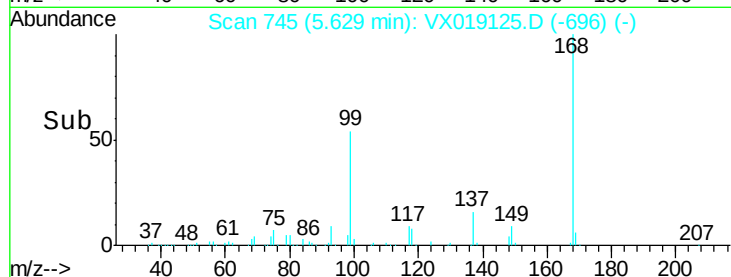


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 18.722 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019125.D

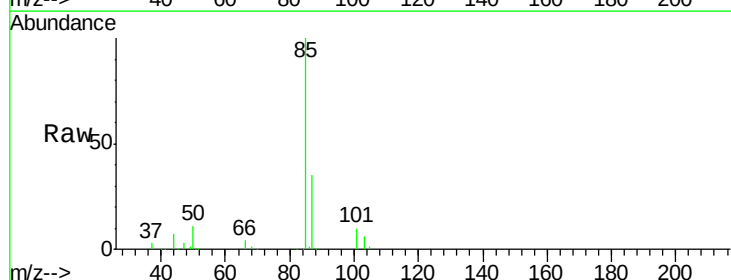
Acq: 26 Oct 2020 18:09

Tgt Ion: 85 Resp: 23677

Ion Ratio Lower Upper

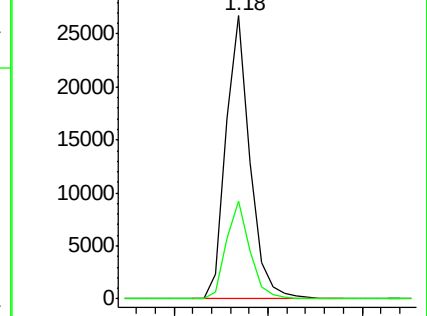
85 100

87 34.6 16.3 48.9

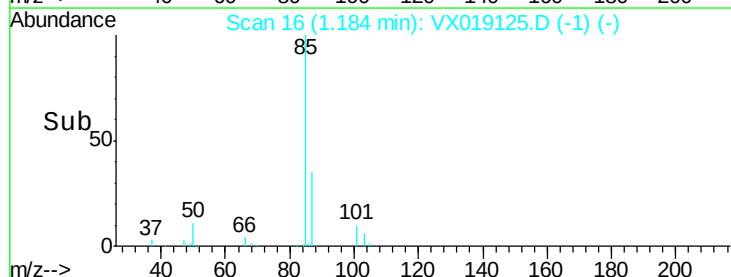


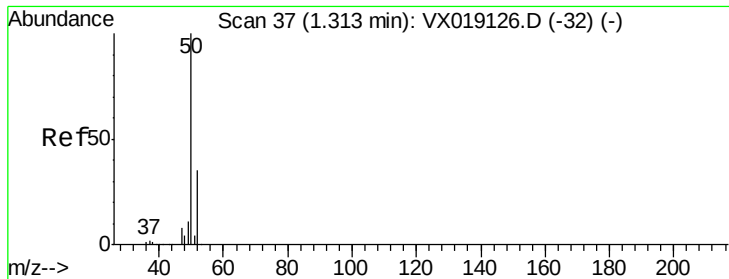
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 18.237 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 25223

Ion Ratio Lower Upper

50 100

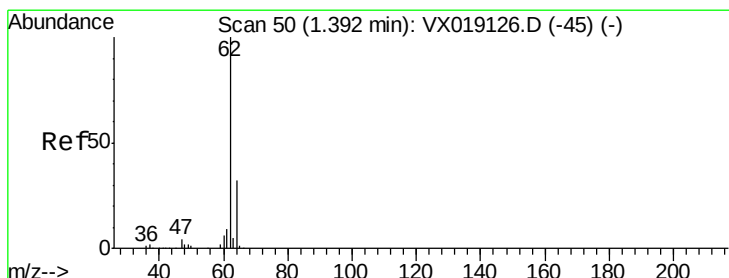
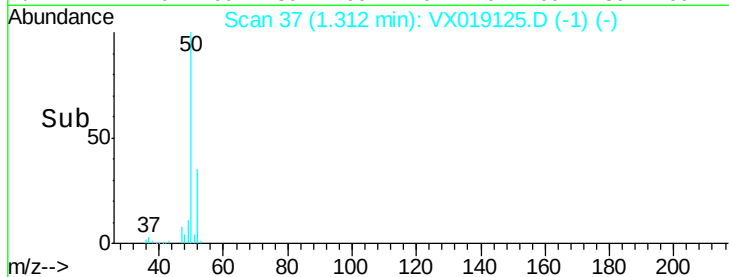
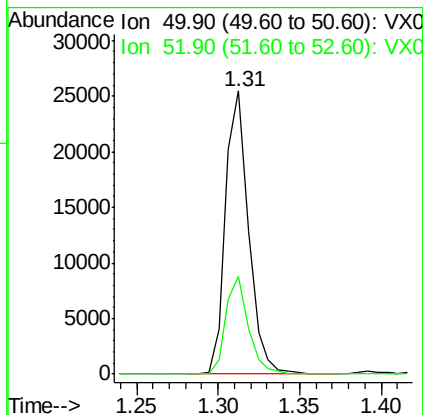
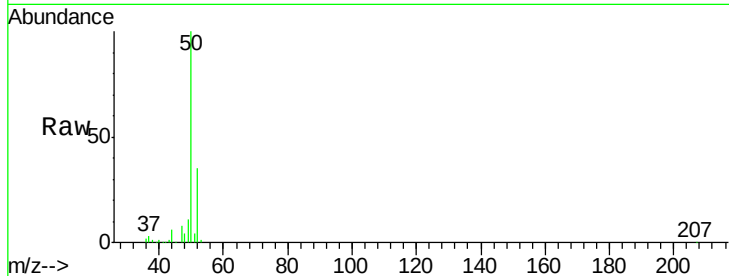
52 34.7 27.7 41.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.559 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019125.D

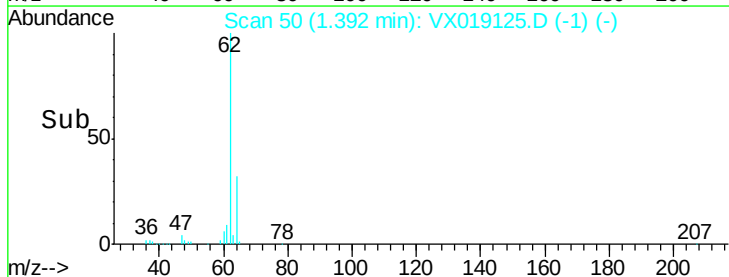
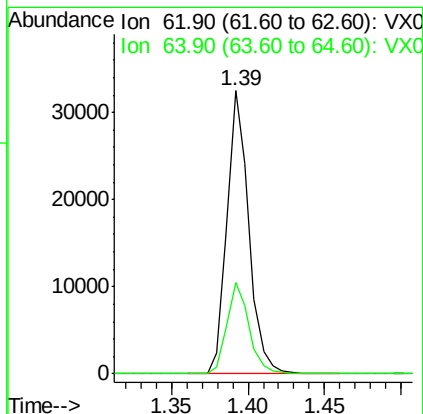
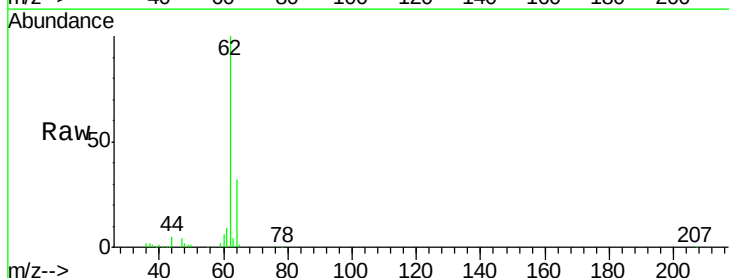
Acq: 26 Oct 2020 18:09

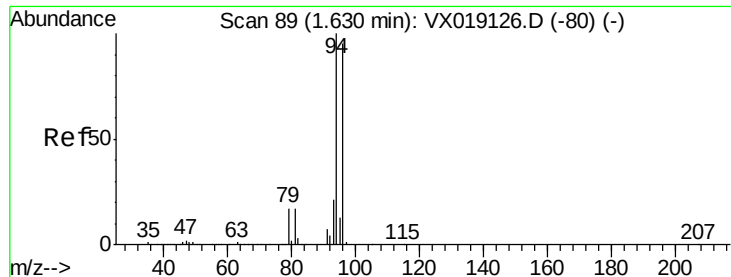
Tgt Ion: 62 Resp: 32129

Ion Ratio Lower Upper

62 100

64 32.3 26.0 39.0





#5

Bromomethane

Concen: 19.519 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 27704

Ion Ratio Lower Upper

94 100

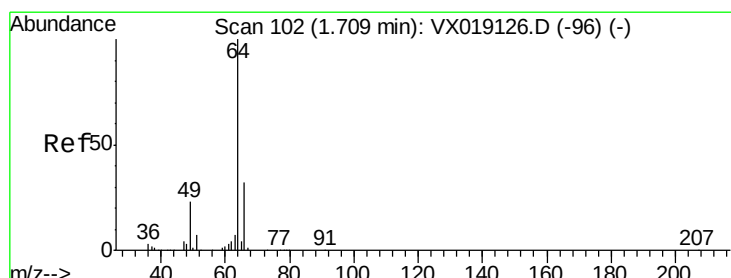
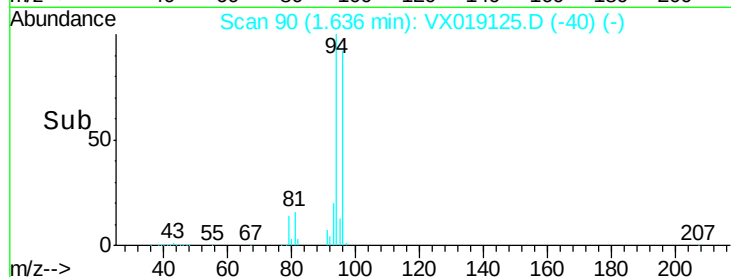
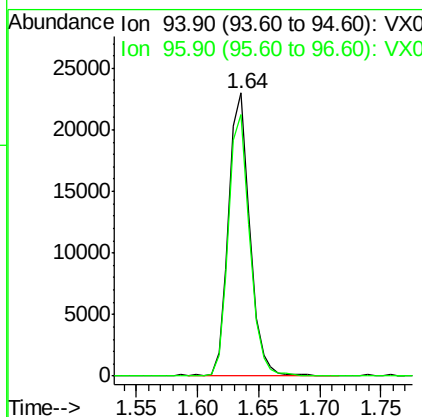
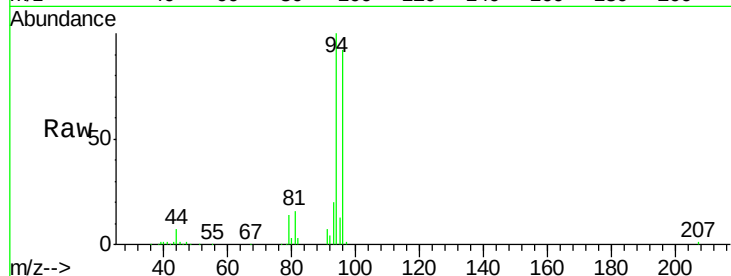
96 92.0 76.3 114.5

Manual Integrations

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#6

Chloroethane

Concen: 18.657 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019125.D

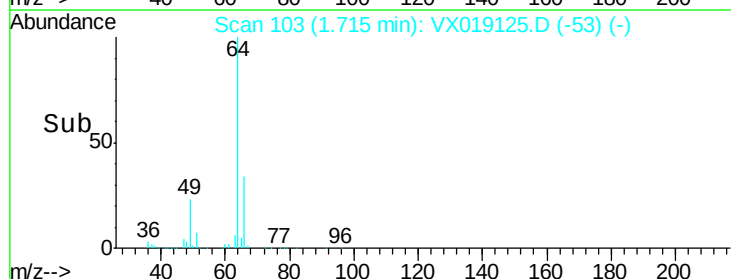
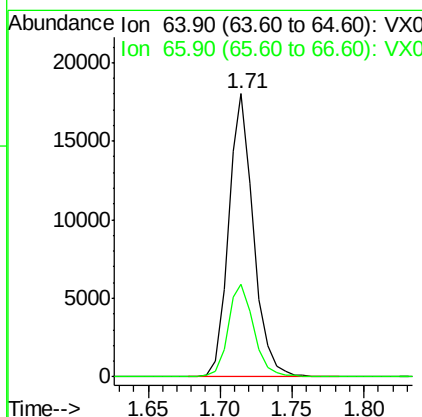
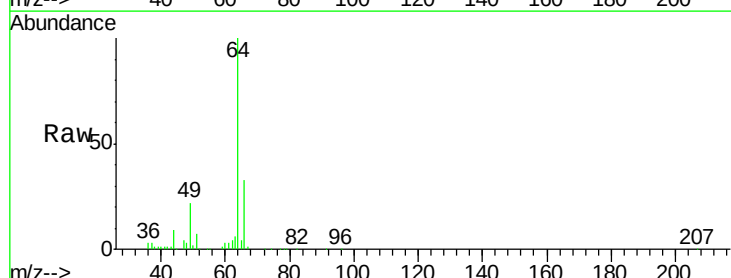
Acq: 26 Oct 2020 18:09

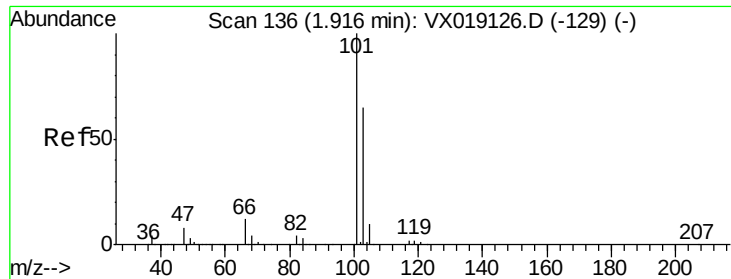
Tgt Ion: 64 Resp: 21852

Ion Ratio Lower Upper

64 100

66 32.6 25.5 38.3





#7

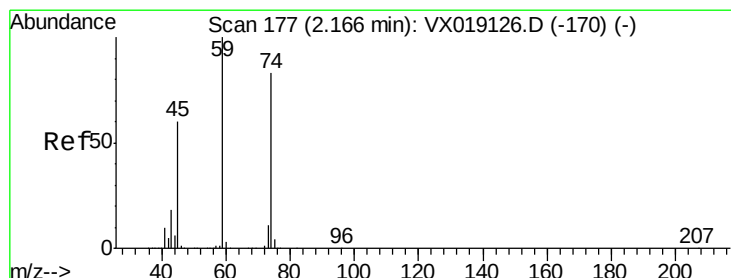
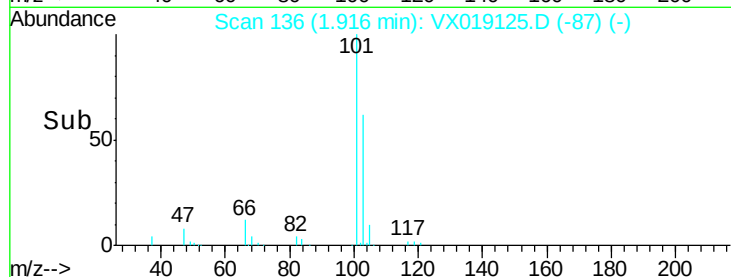
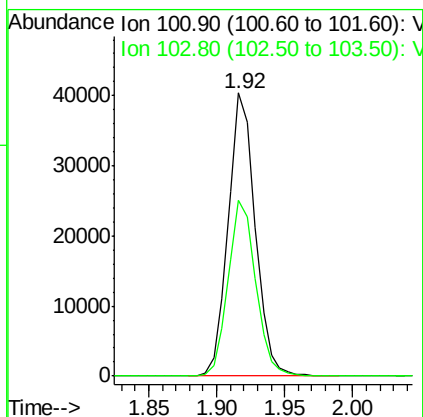
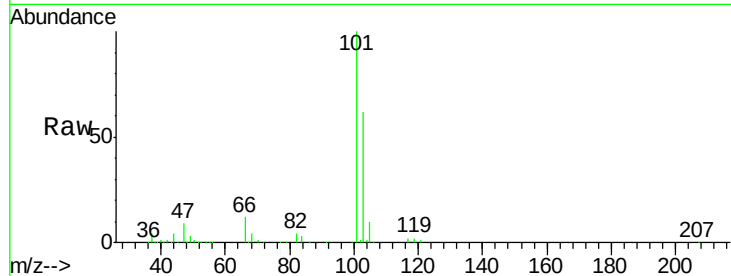
Trichlorofluoromethane
Concen: 18.969 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

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ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	51.8	77.6

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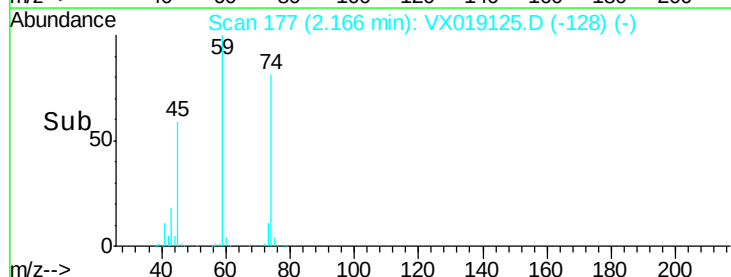
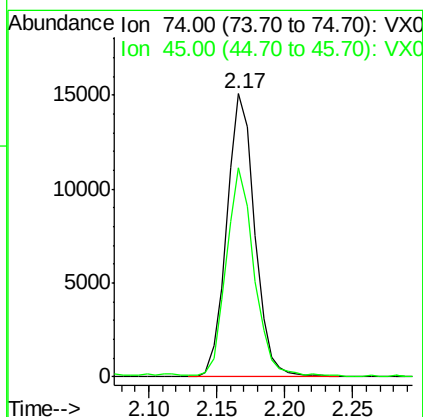
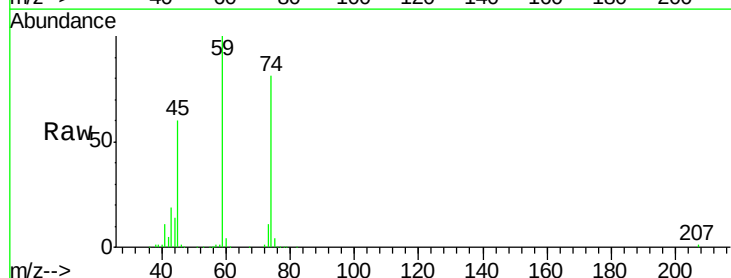
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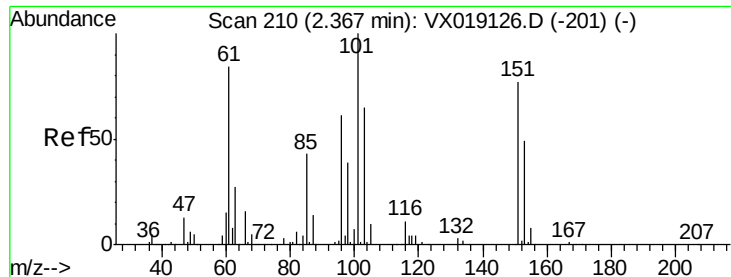


#8

Diethyl Ether
Concen: 18.459 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	74.9	36.1	108.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.330 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

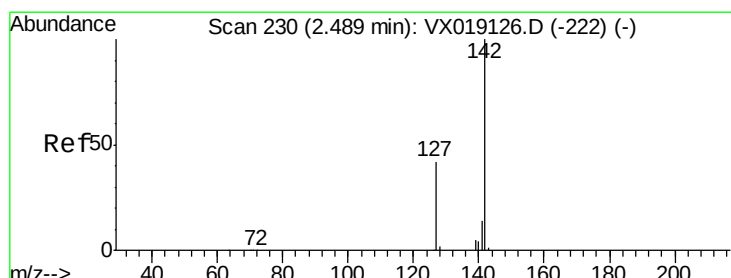
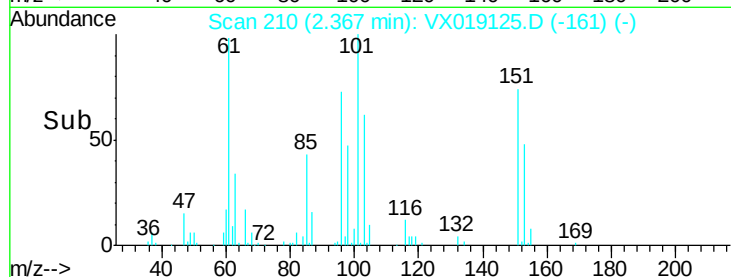
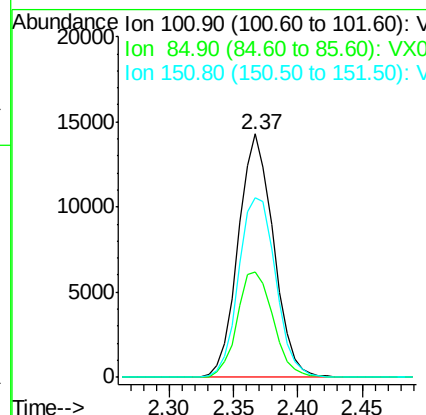
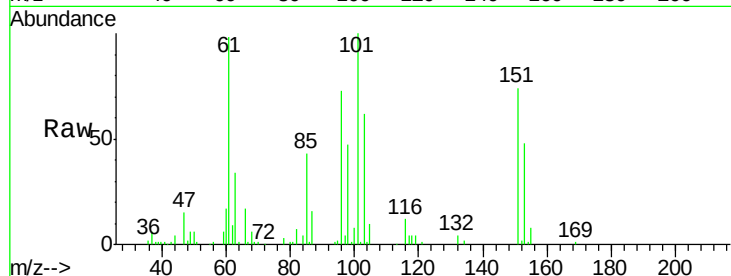
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	27125
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.7	52.1
151	77.9	61.7	92.5

Manual Integrations
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#10

Methyl Iodide

Concen: 18.267 ug/l

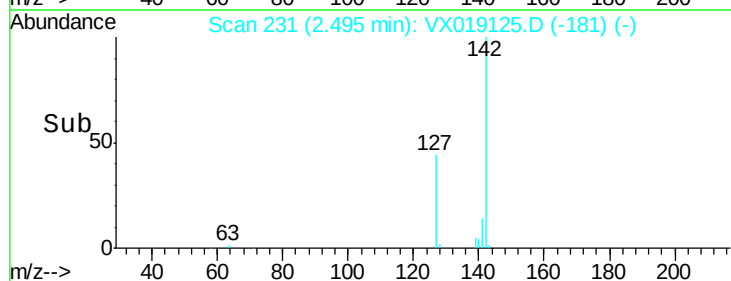
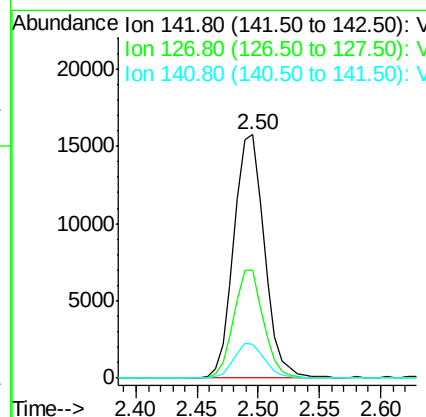
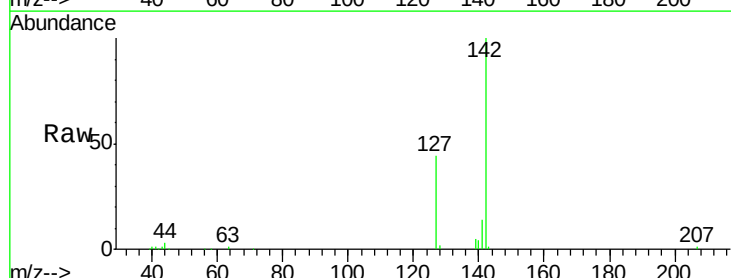
RT: 2.50 min Scan# 231

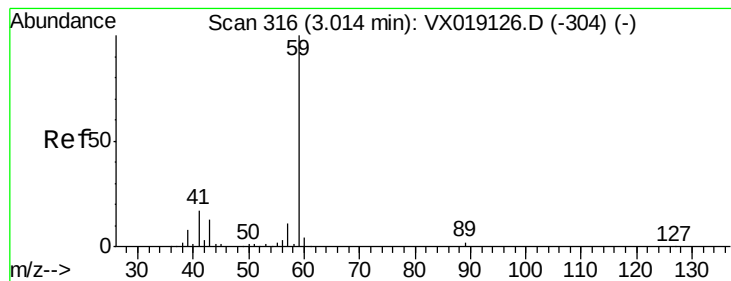
Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion:	142	Resp:	27283
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.1	49.7
141	14.2	11.4	17.0





#11

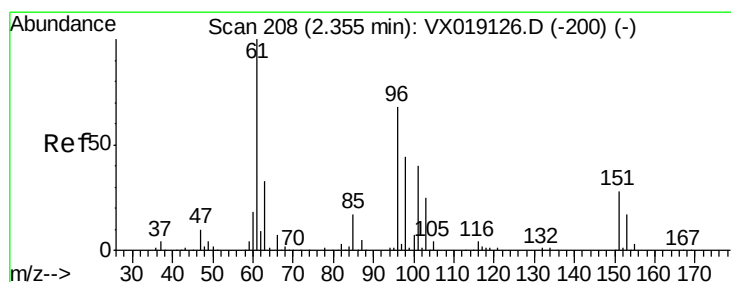
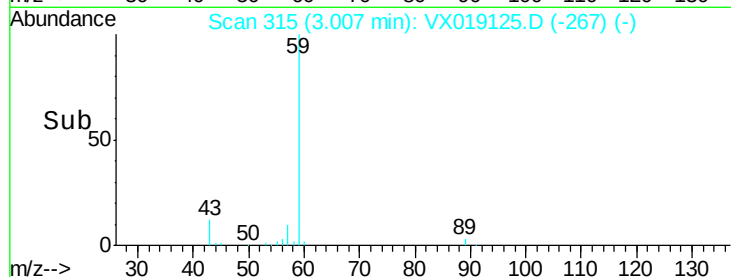
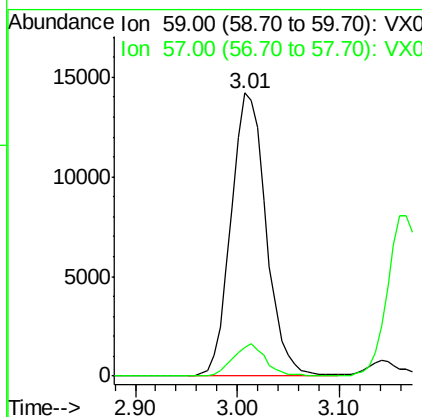
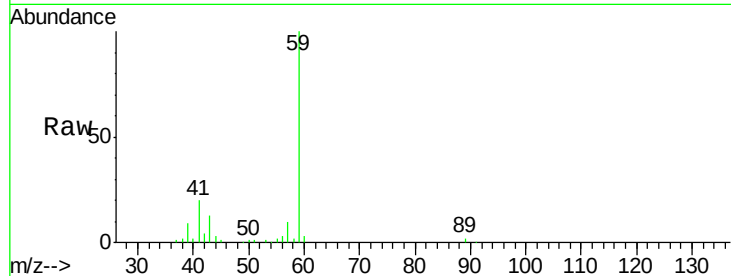
Tert butyl alcohol
Concen: 85.629 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	59	Resp	33870
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.4

Manual Integrations
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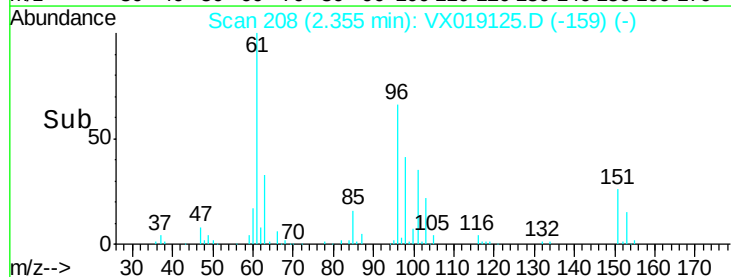
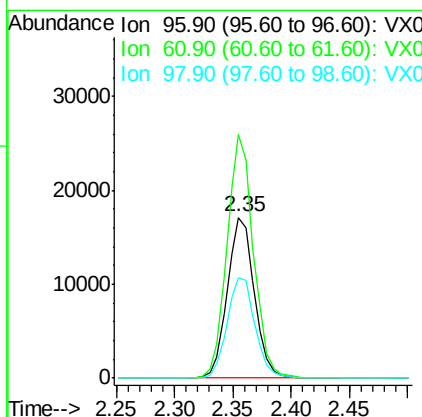
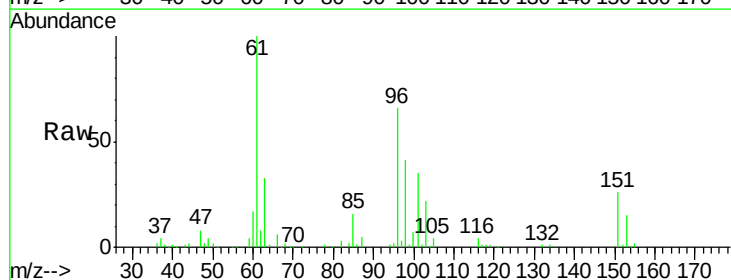
MMDadoda
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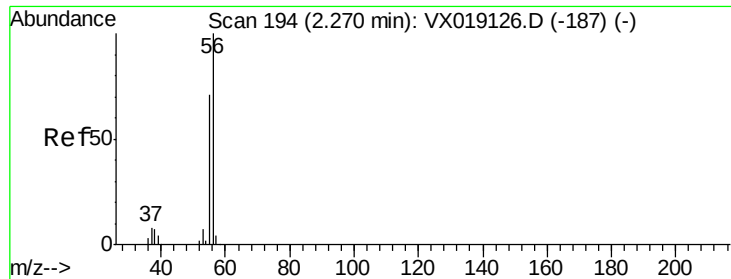


#12

1,1-Dichloroethene
Concen: 18.543 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	96	Resp	27529
Ion Ratio	100	Lower	Upper
61	151.2	117.0	175.4
98	62.6	51.2	76.8





#13

Acrolein

Concen: 78.134 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 15563

Ion Ratio Lower Upper

56 100

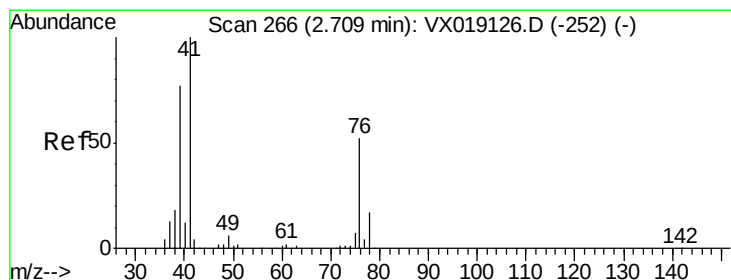
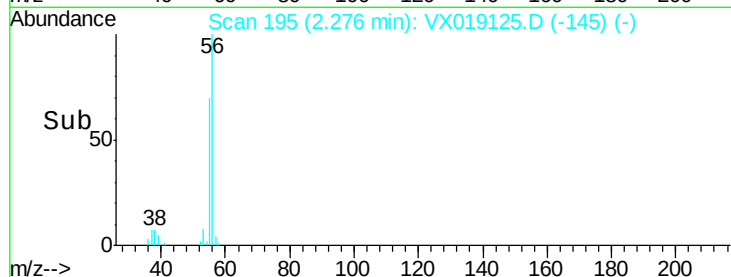
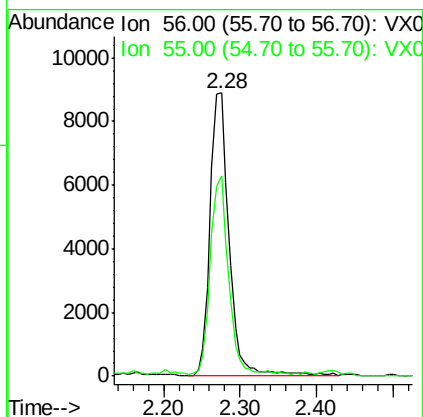
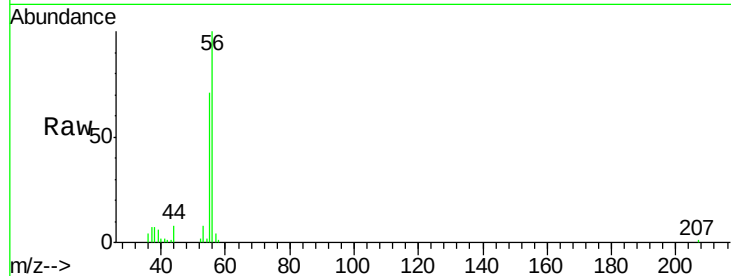
55 65.4 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 18.314 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

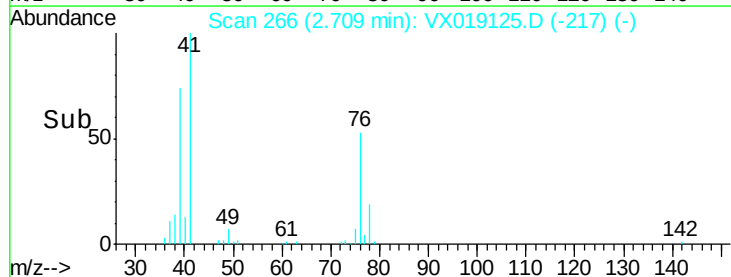
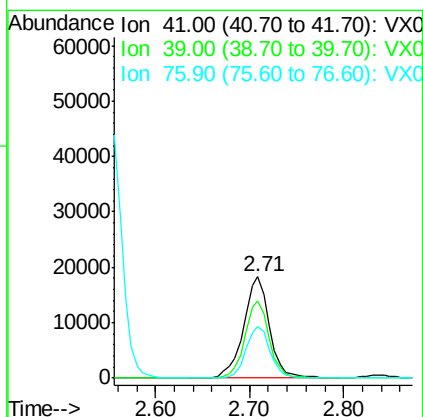
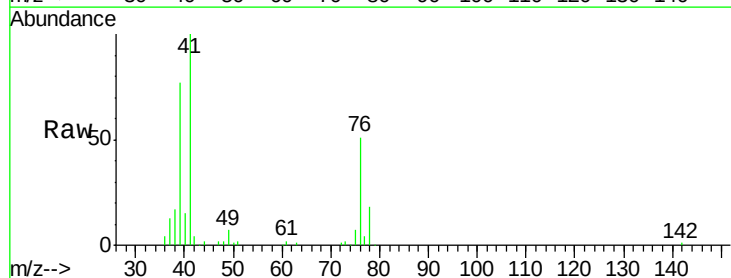
Tgt Ion: 41 Resp: 35157

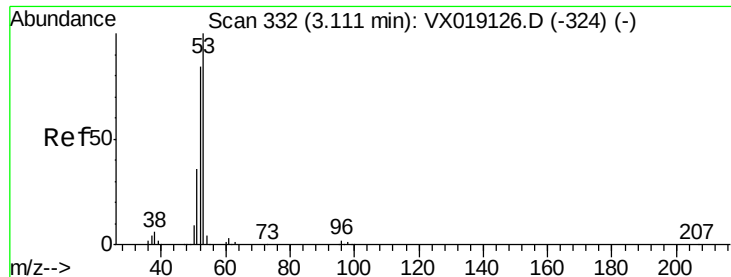
Ion Ratio Lower Upper

41 100

39 71.7 57.0 85.4

76 47.4 37.6 56.4





#15

Acrylonitrile

Concen: 95.296 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

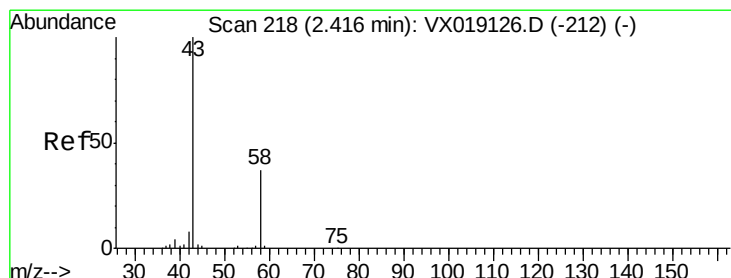
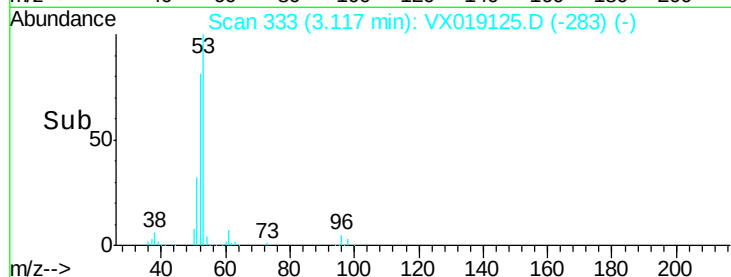
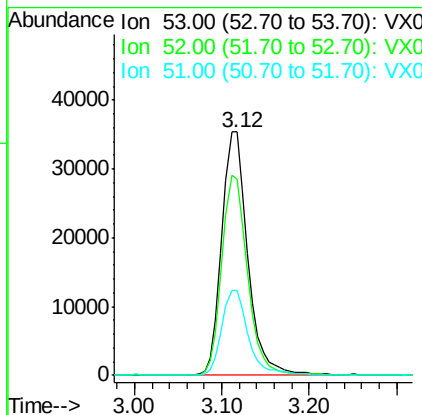
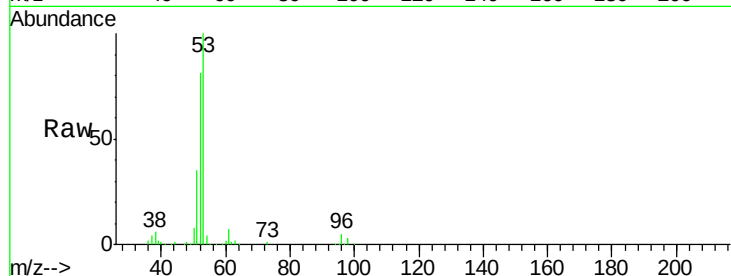
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	73383
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.8	98.8
51	35.8	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 90.133 ug/l

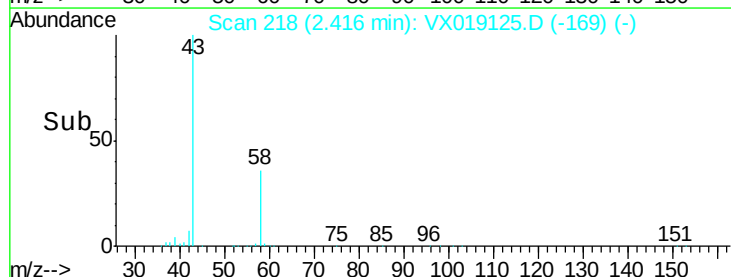
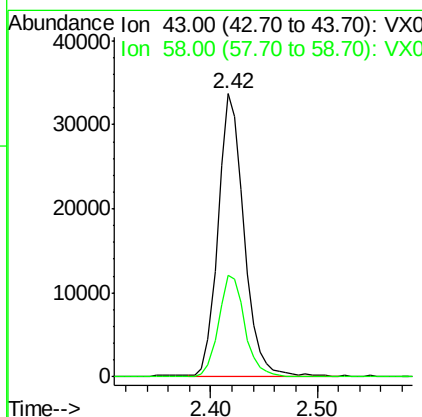
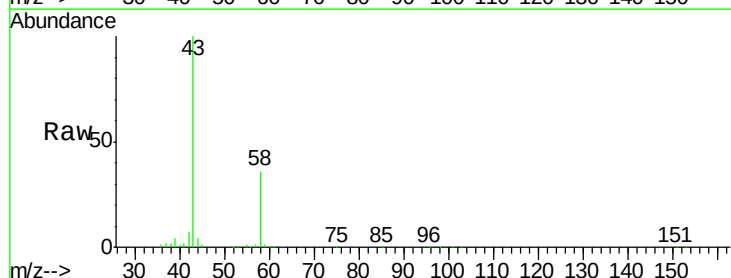
RT: 2.42 min Scan# 218

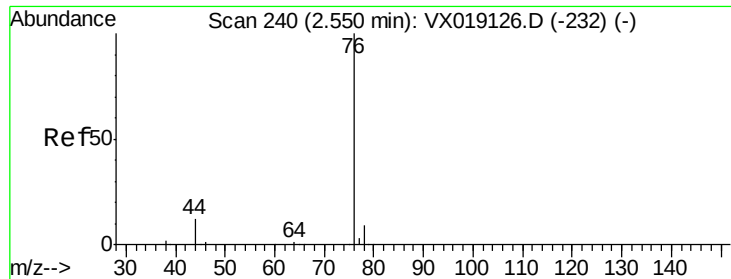
Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion:	43	Resp:	56595
Ion	Ratio	Lower	Upper
43	100		
58	36.0	29.4	44.0





#17

Carbon Disulfide

Concen: 18.275 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 74940

Ion Ratio Lower Upper

76 100

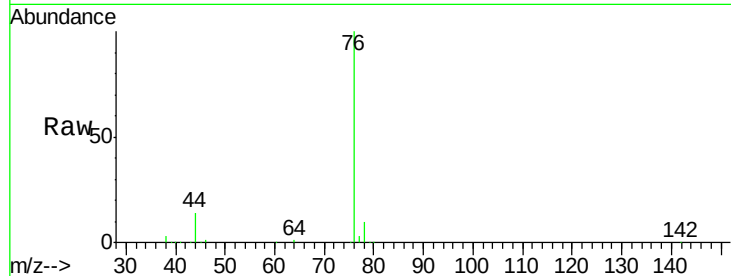
78 10.0 7.2 10.8

Manual Integrations

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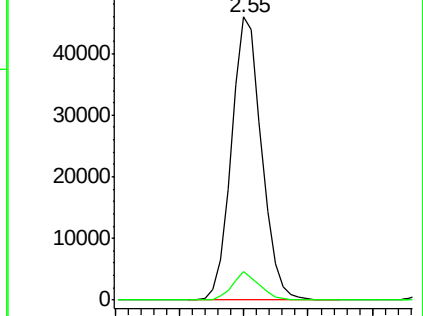
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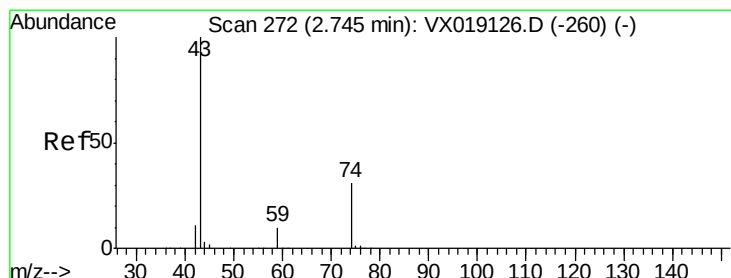
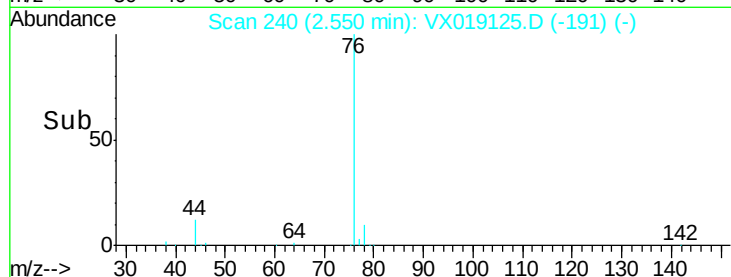


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 17.639 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019125.D

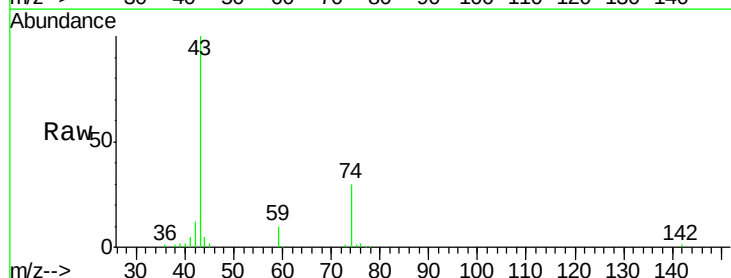
Acq: 26 Oct 2020 18:09

Tgt Ion: 43 Resp: 27339

Ion Ratio Lower Upper

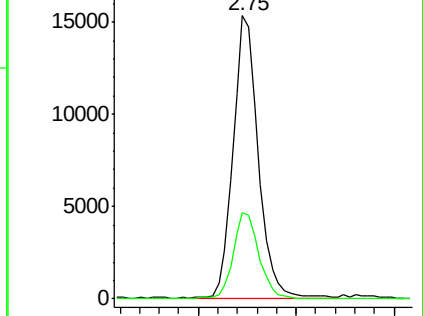
43 100

74 31.1 25.3 37.9

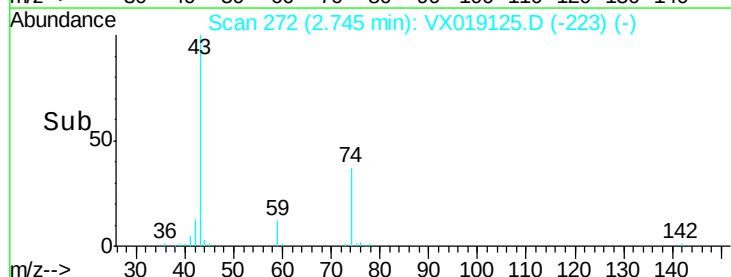


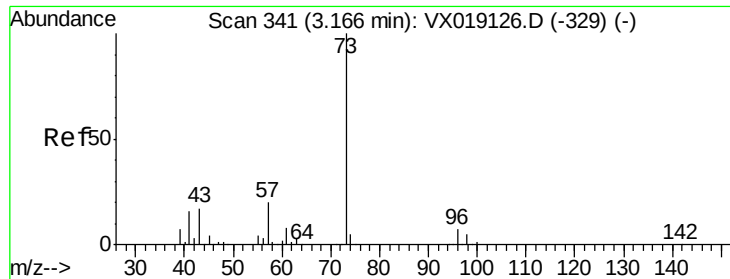
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time--> 2.70 2.75 2.80





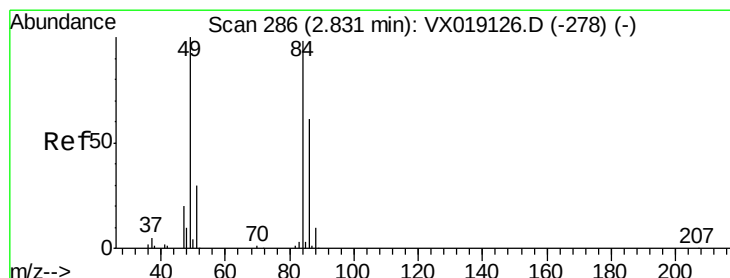
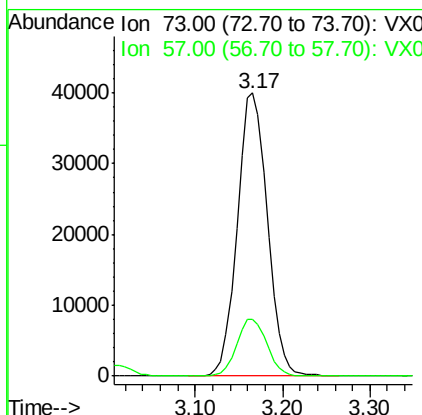
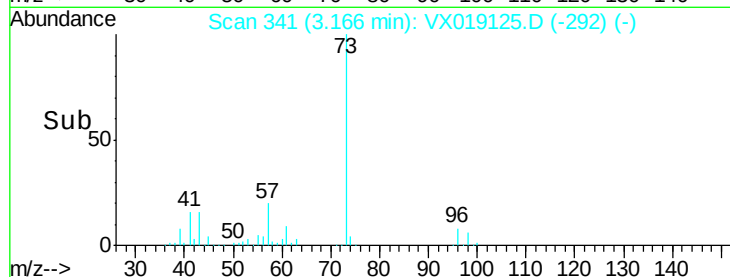
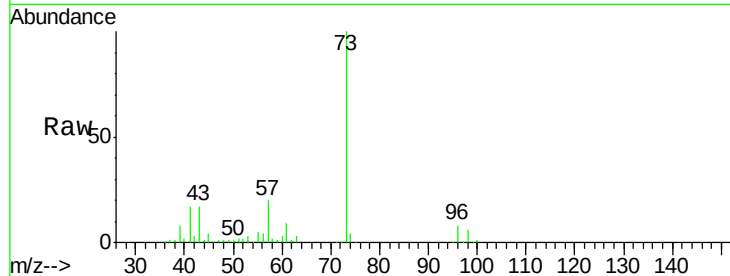
#19
Methyl tert-butyl Ether
Concen: 18.852 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 95709
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.2

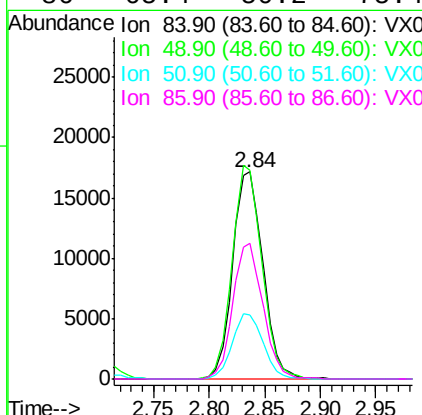
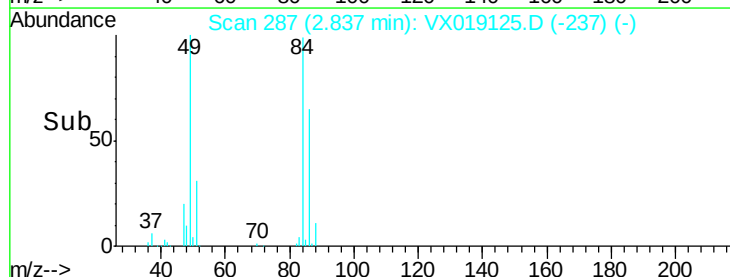
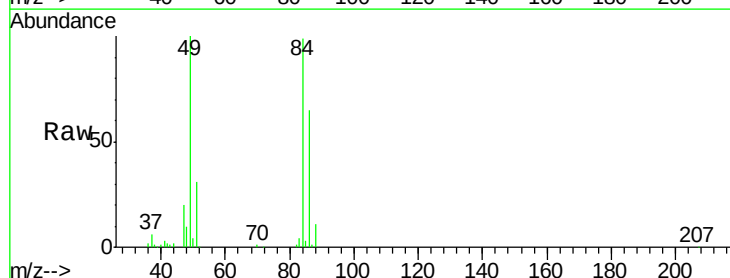
Manual Integrations
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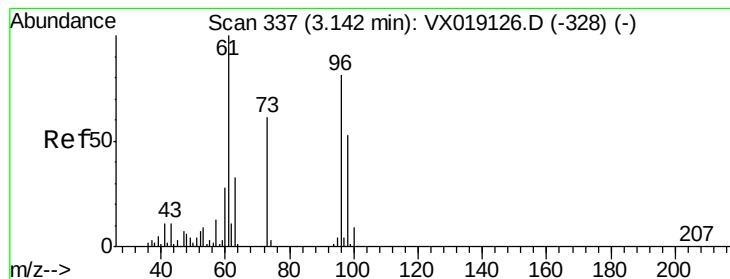
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#20
Methylene Chloride
Concen: 17.492 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 84 Resp: 32236
Ion Ratio Lower Upper
84 100
49 100.9 82.0 123.0
51 31.2 24.2 36.4
86 65.4 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 17.993 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 96 Resp: 31624

Ion Ratio Lower Upper

96 100

61 121.7 98.8 148.2

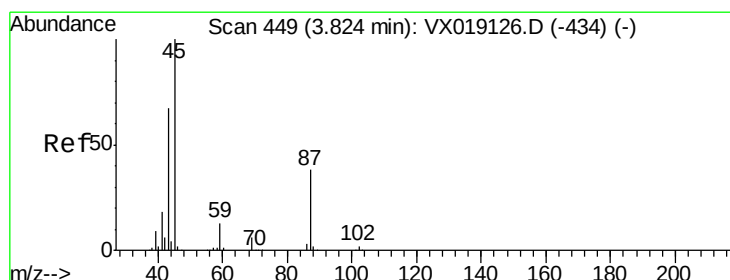
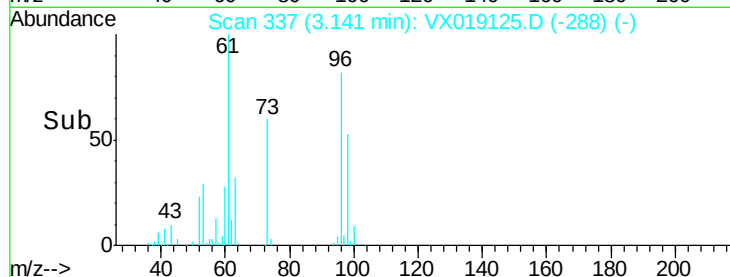
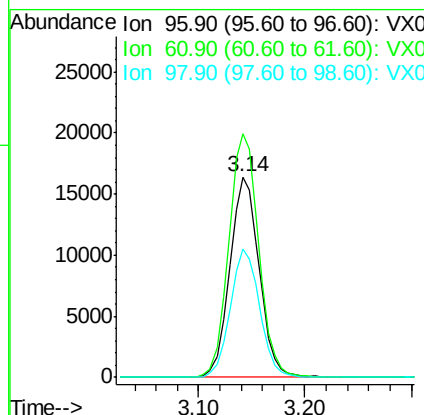
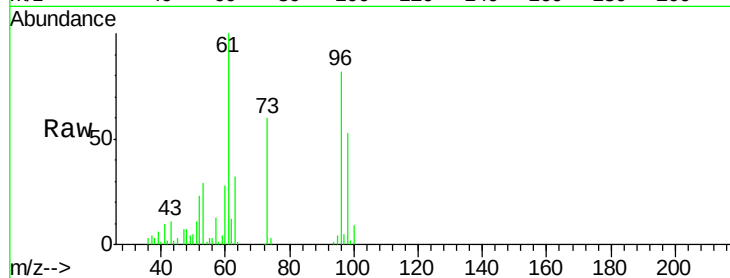
98 64.5 52.6 79.0

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#22

Diisopropyl ether

Concen: 18.937 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion: 45 Resp: 76934

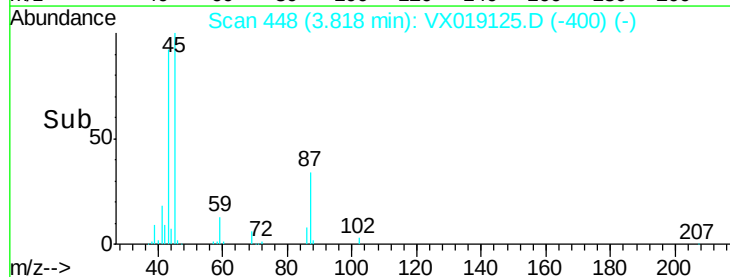
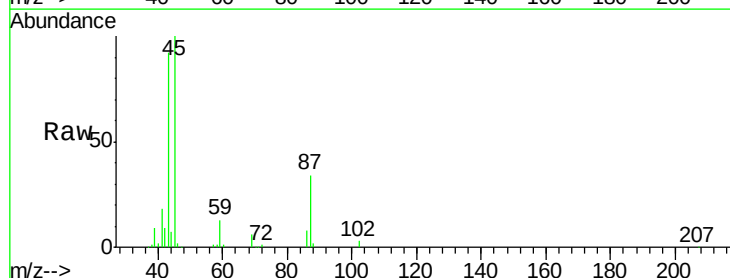
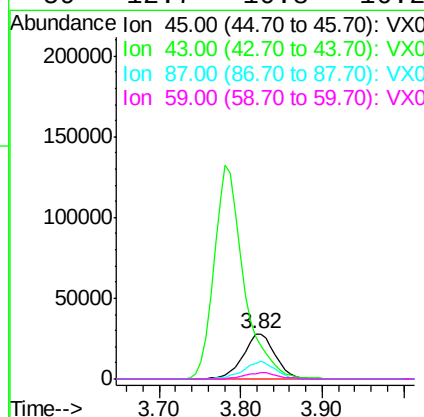
Ion Ratio Lower Upper

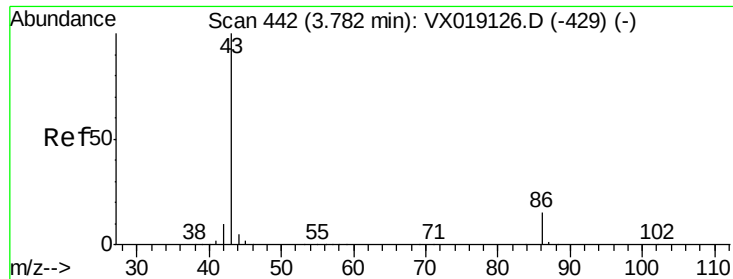
45 100

43 91.3 54.4 81.6#

87 34.4 30.2 45.2

59 12.7 10.8 16.2





#23

Vinyl Acetate

Concen: 95.425 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 336625

Ion Ratio Lower Upper

43 100

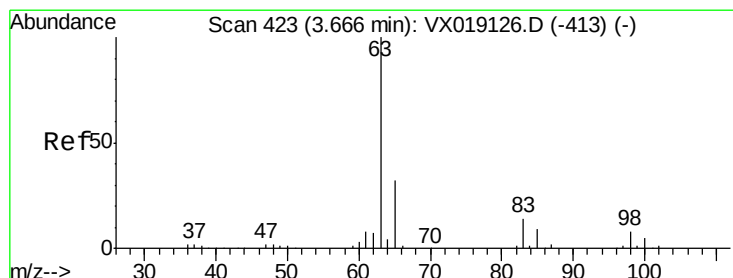
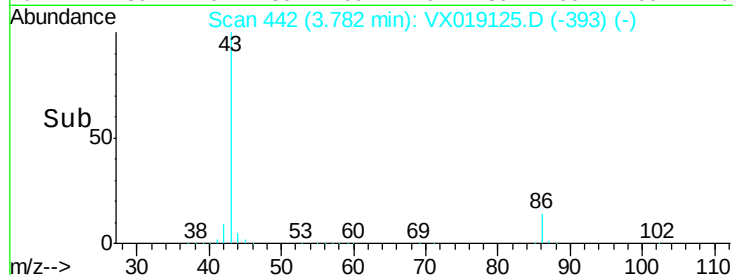
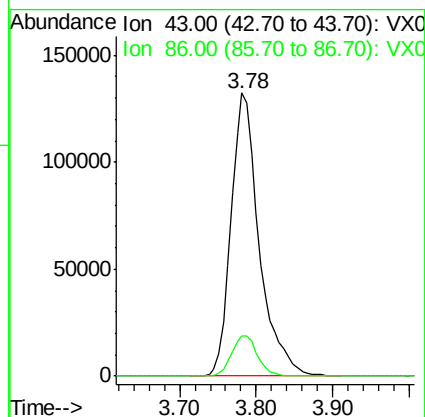
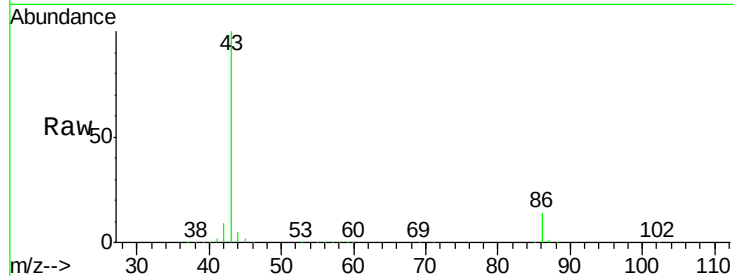
86 14.3 11.9 17.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.075 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

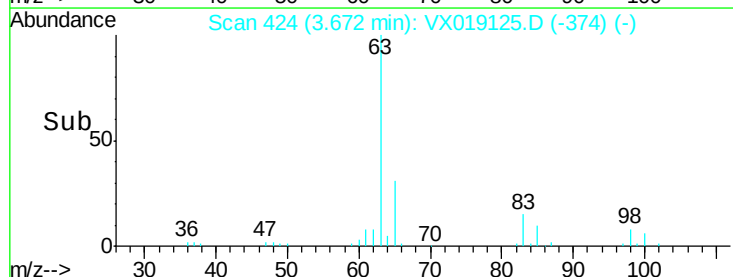
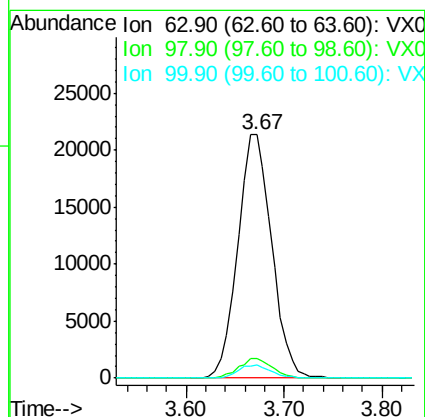
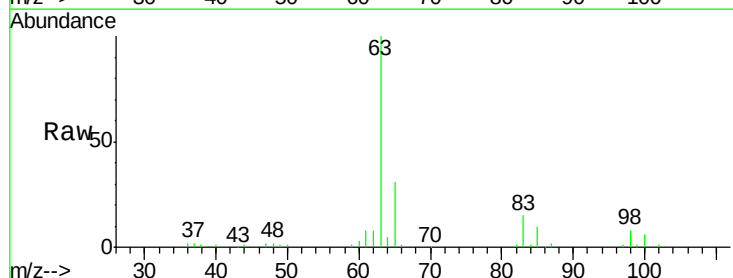
Tgt Ion: 63 Resp: 51311

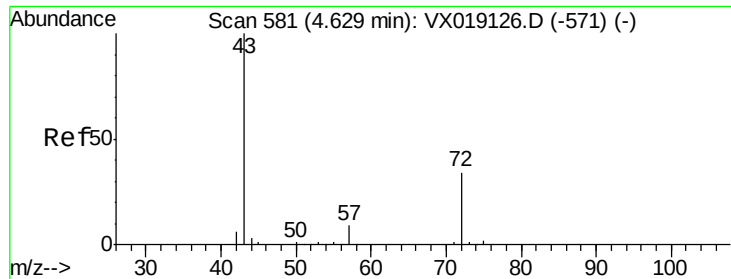
Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.5

100 5.6 2.5 7.4





#25

2-Butanone

Concen: 92.992 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 91660

Ion Ratio Lower Upper

43 100

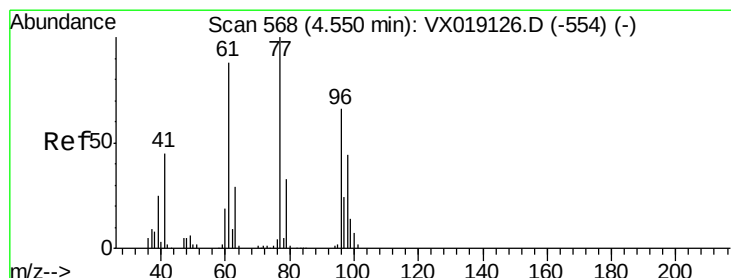
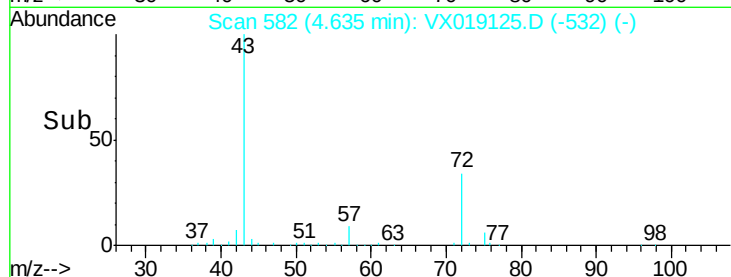
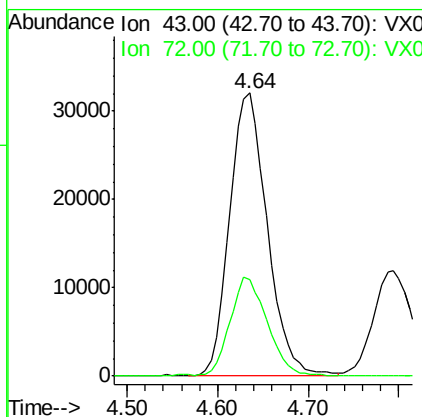
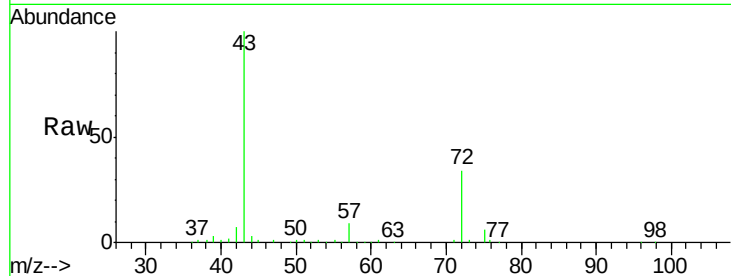
72 34.4 27.5 41.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.640 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019125.D

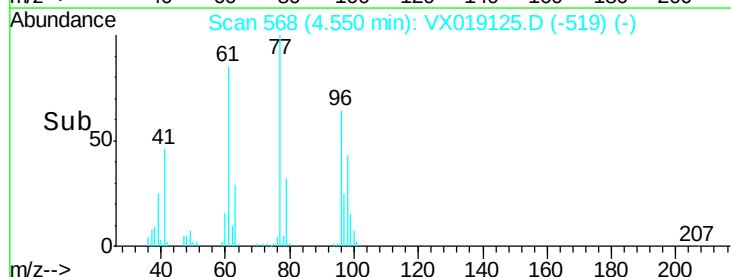
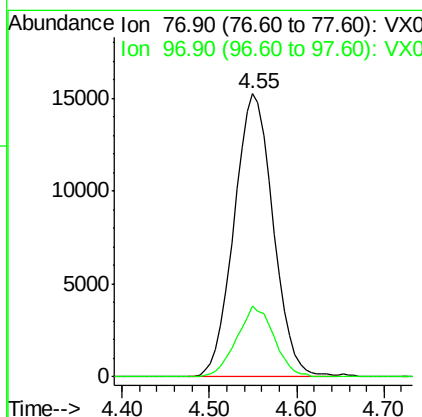
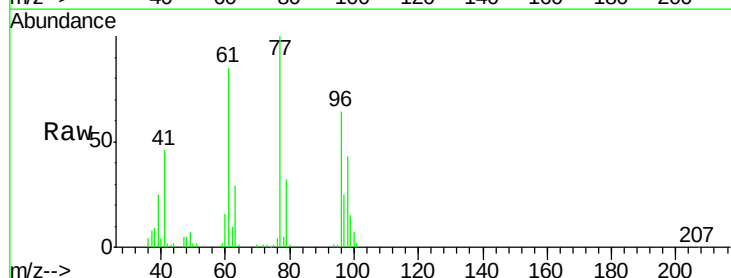
Acq: 26 Oct 2020 18:09

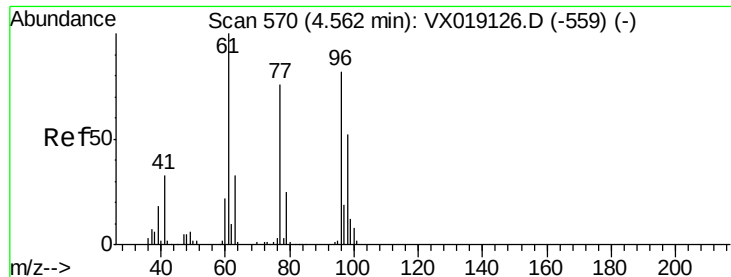
Tgt Ion: 77 Resp: 47474

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.7





#27

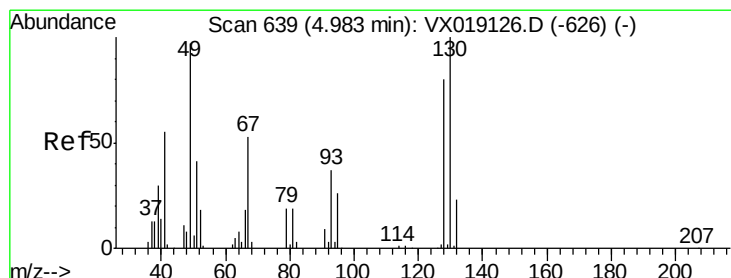
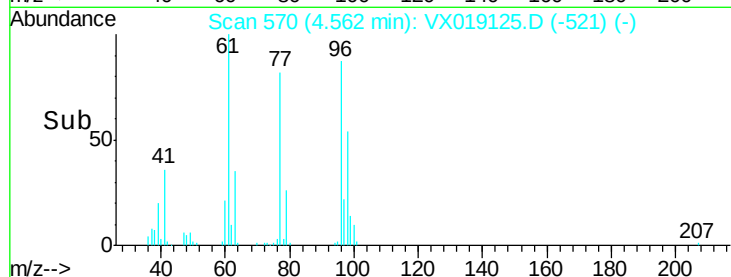
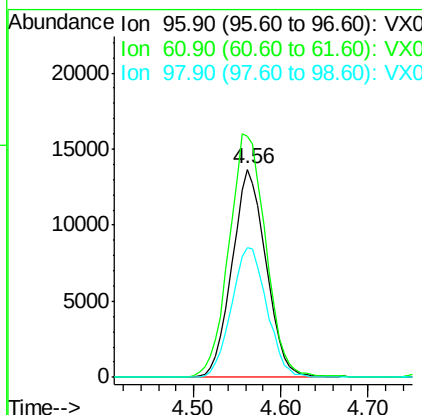
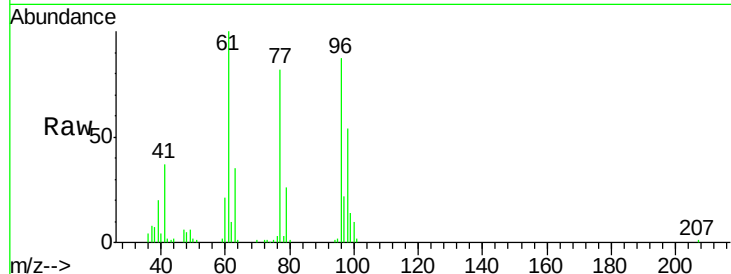
cis-1,2-Dichloroethene
Concen: 18.812 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	260.0
98	64.7	0.0	131.6

Manual Integrations
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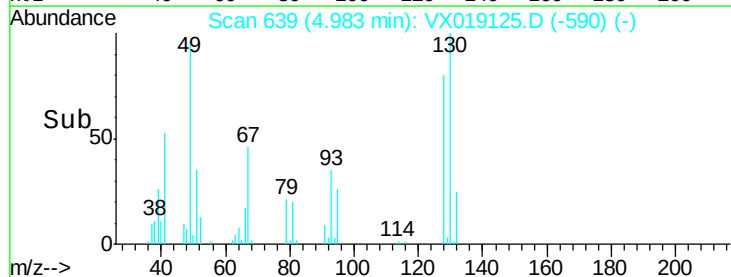
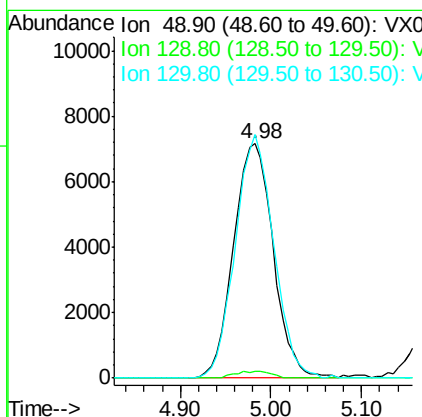
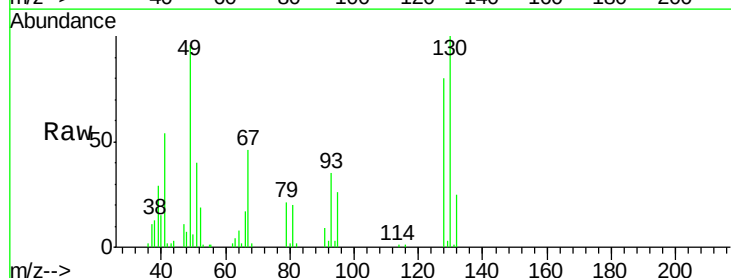
MMDadoda
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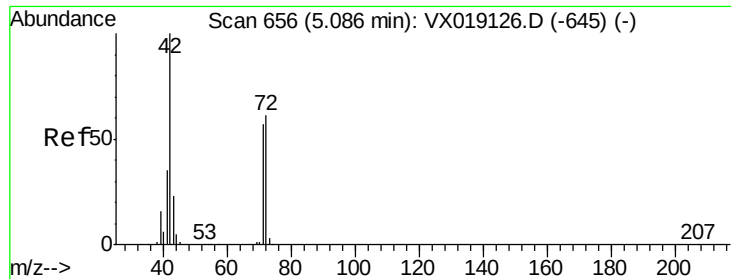


#28

Bromochloromethane
Concen: 18.792 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	100.2	81.1	121.7





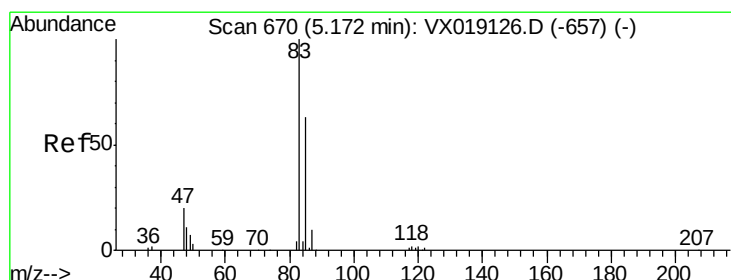
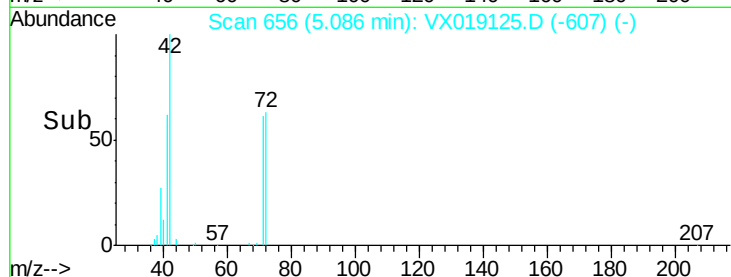
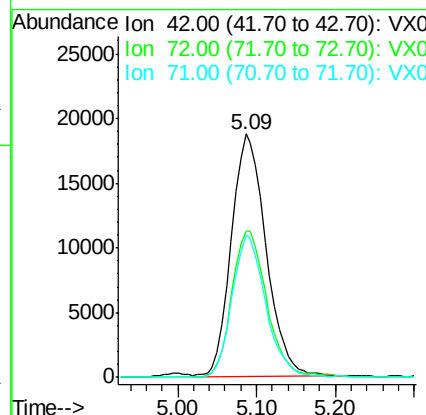
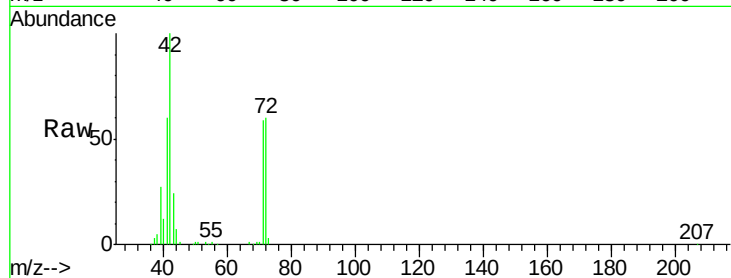
#29
Tetrahydrofuran
Concen: 92.766 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.5	49.0	73.6
71	56.7	44.9	67.3

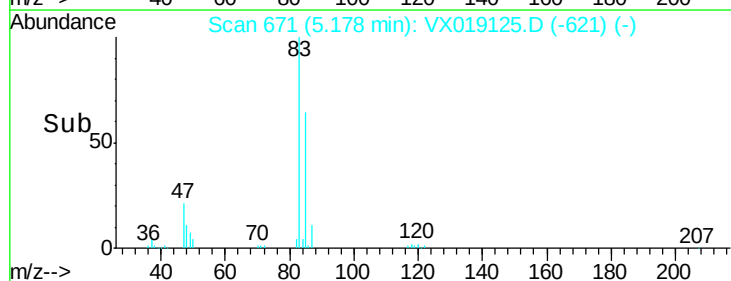
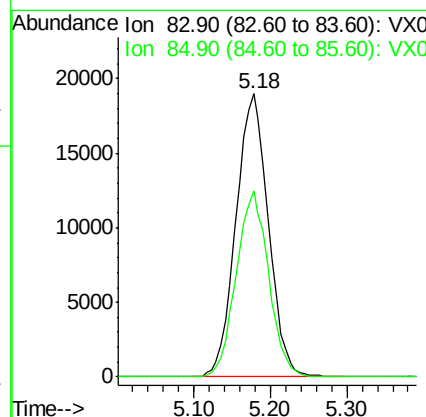
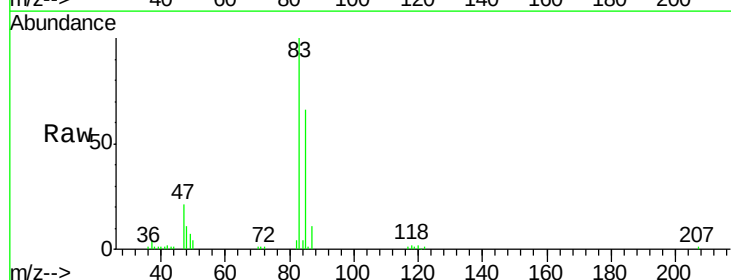
Manual Integrations
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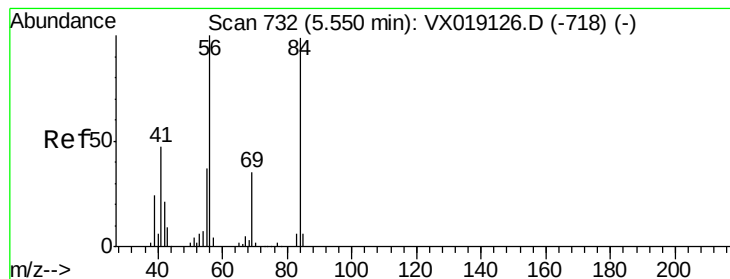
MMDadoda
10/27/2020 6:55:27 PM



#30
Chloroform
Concen: 18.610 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.3	75.5





#31

Cyclohexane

Concen: 18.339 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

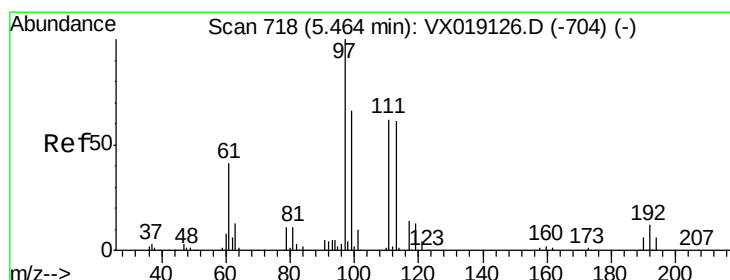
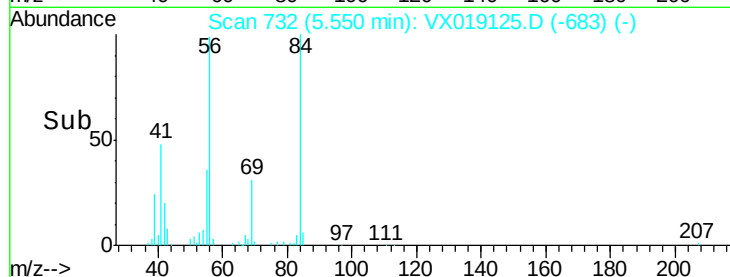
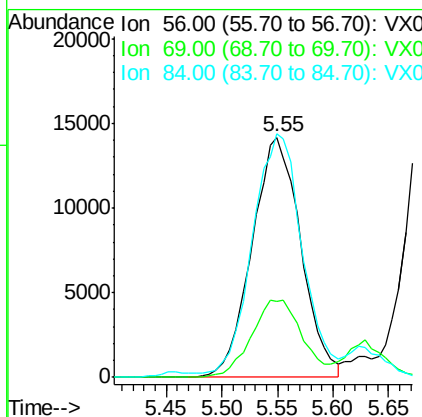
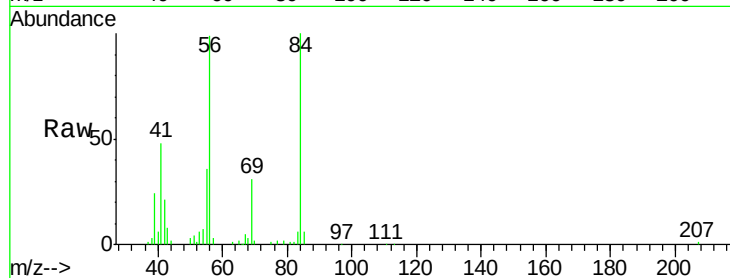
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	43335
Ion	Ratio	Lower	Upper
56	100		
69	31.6	28.1	42.1
84	99.7	79.0	118.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.185 ug/l

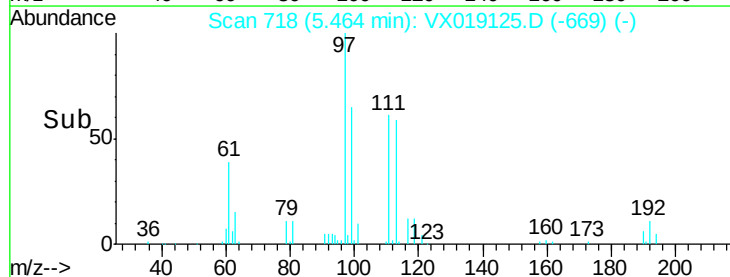
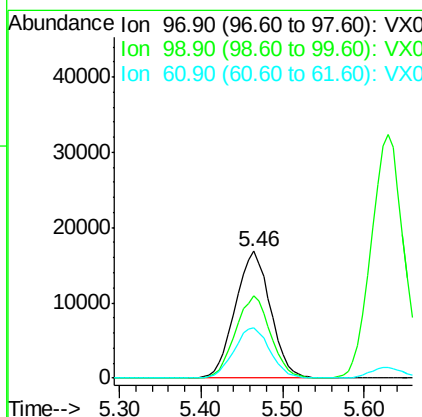
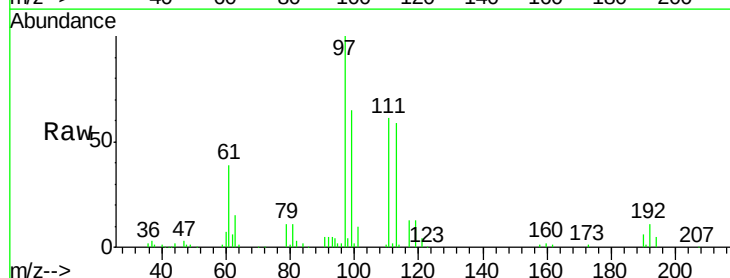
RT: 5.46 min Scan# 718

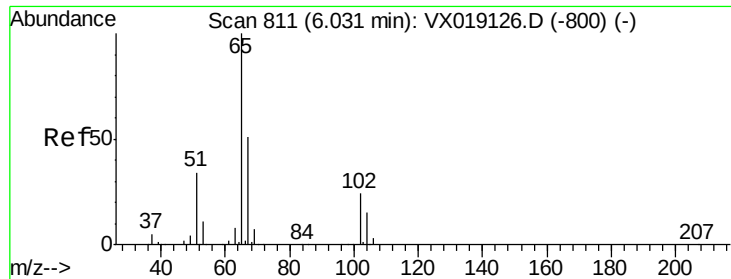
Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion:	97	Resp:	50575
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	40.3	32.5	48.7





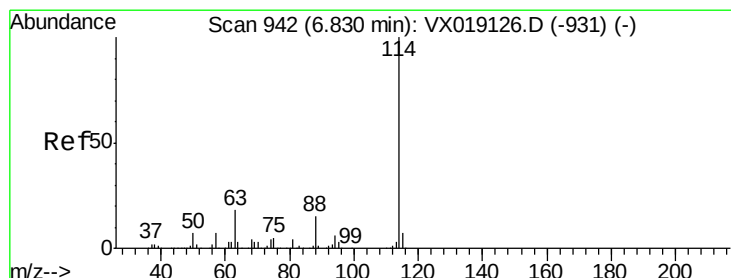
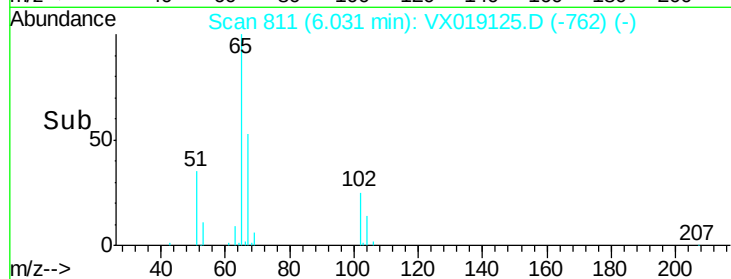
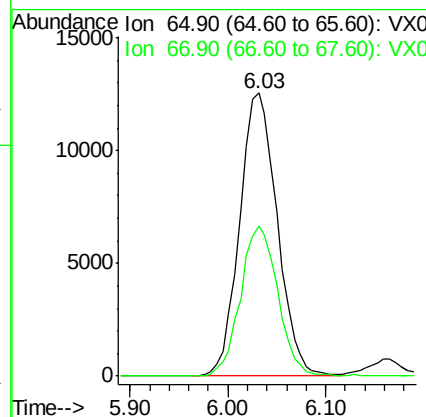
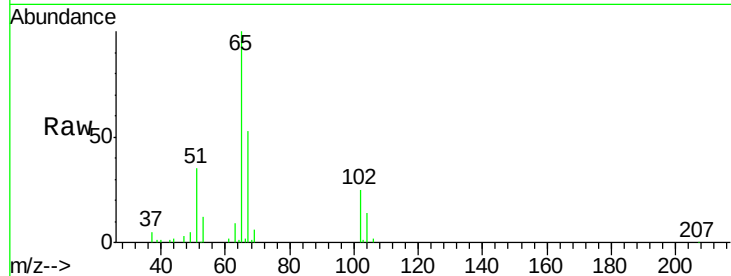
#33
 1,2-Dichloroethane-d4
 Concen: 14.096 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.4	0.0	104.0	

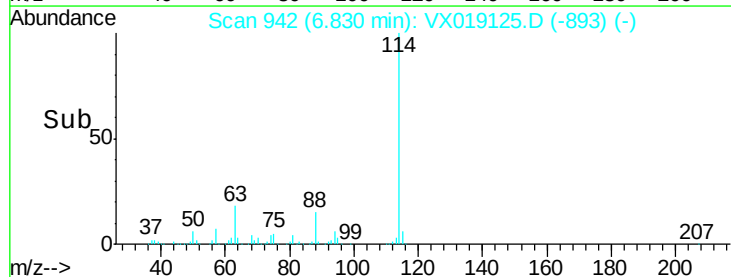
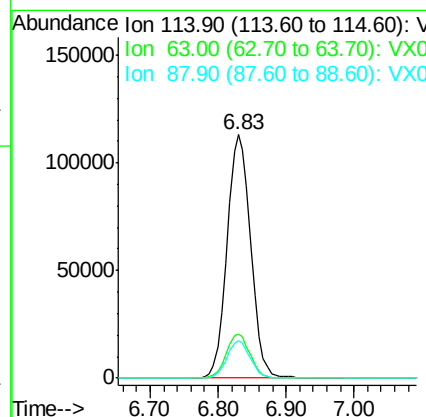
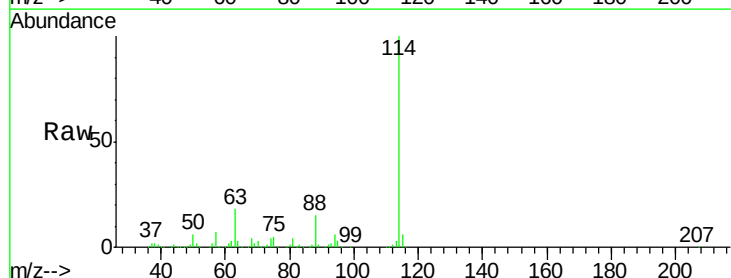
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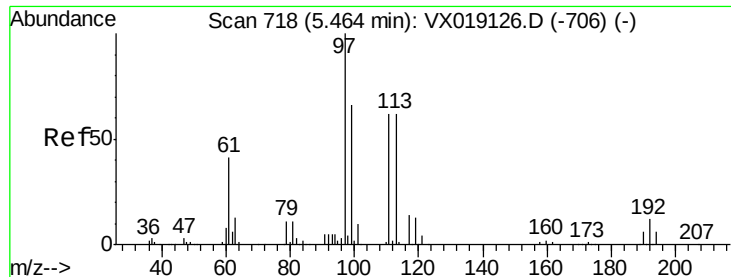
MMDadoda
 10/27/2020 6:55:27 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.0	0.0	36.4	
88	15.3	0.0	30.8	





#35

Dibromofluoromethane

Concen: 14.350 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

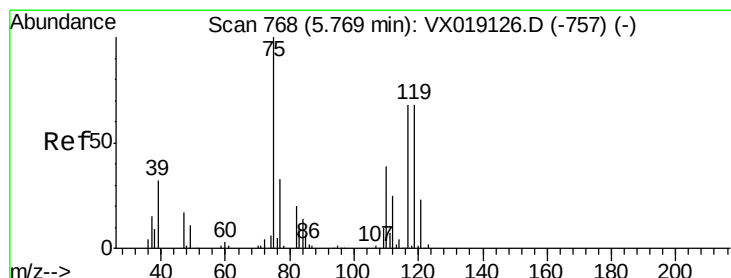
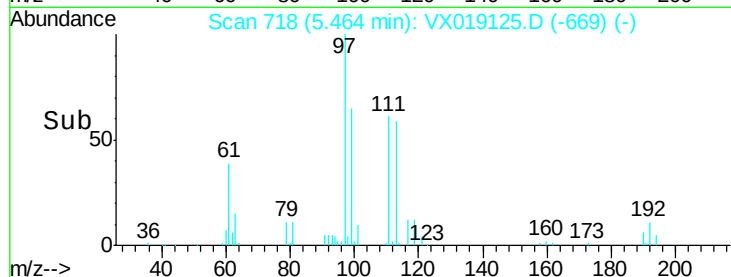
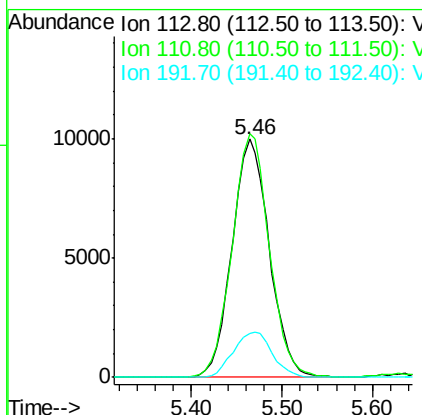
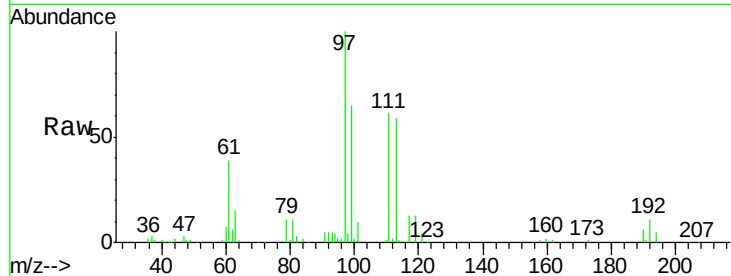
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	19.7	16.1	24.1

Manual Integrations
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10/27/2020 6:55:27 PM



#36

1,1-Dichloropropene

Concen: 18.353 ug/l

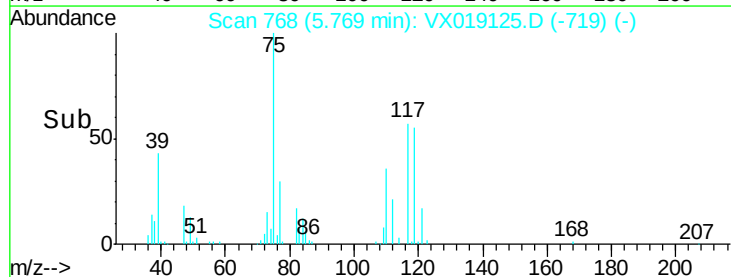
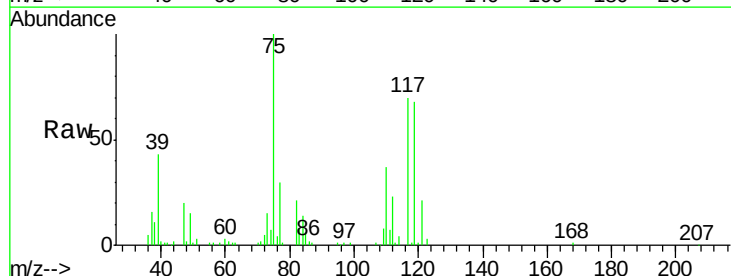
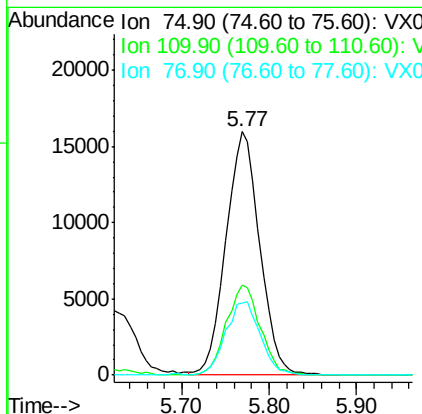
RT: 5.77 min Scan# 768

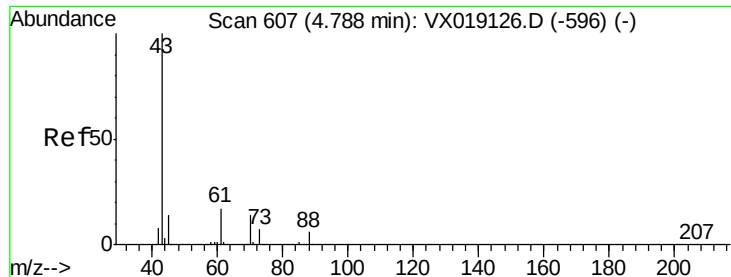
Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	19.3	57.9
77	30.9	25.4	38.0





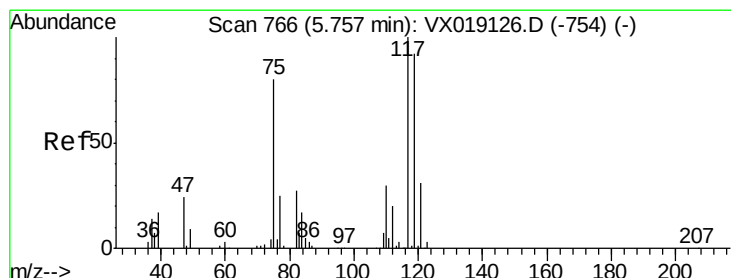
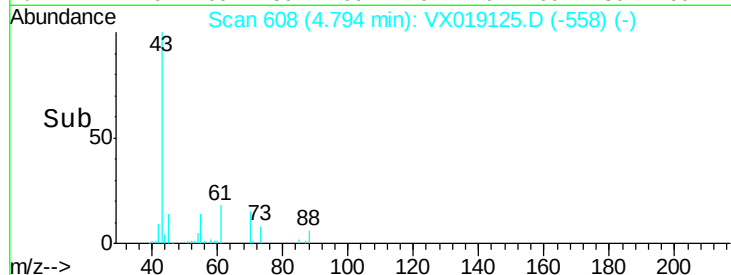
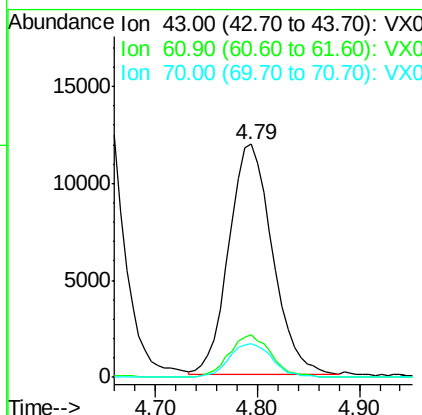
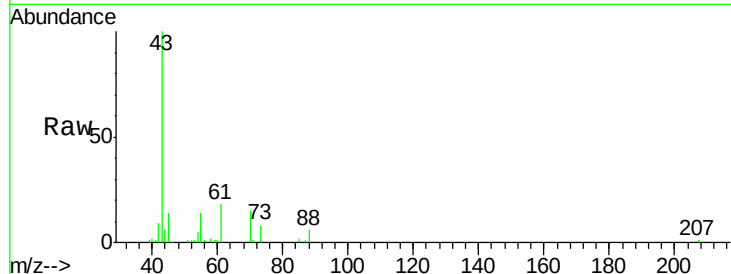
#37
Ethyl Acetate
Concen: 17.359 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.7	13.6	20.4
70	14.5	11.0	16.6

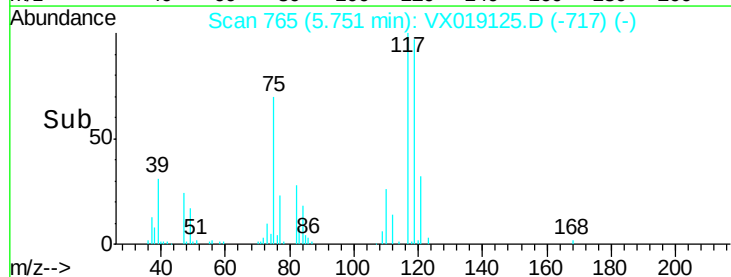
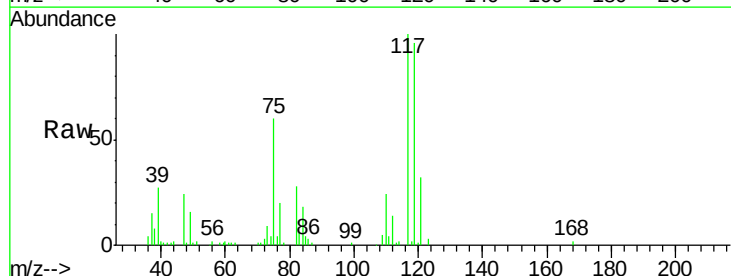
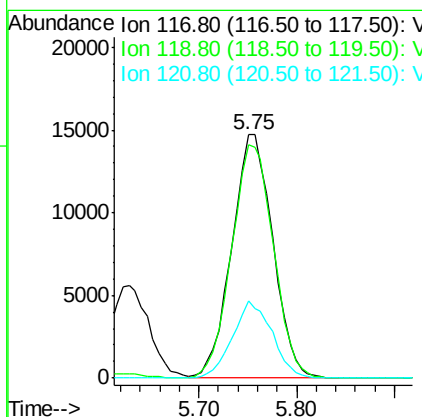
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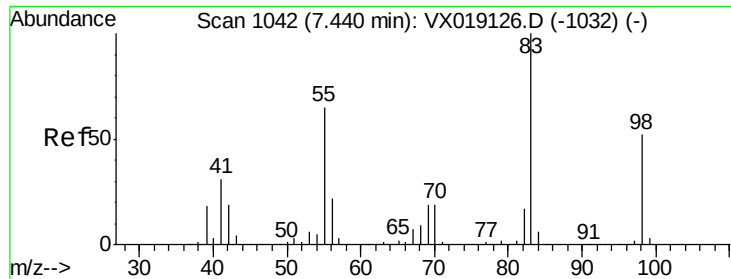
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.205 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	73.5	110.3
121	31.9	24.3	36.5





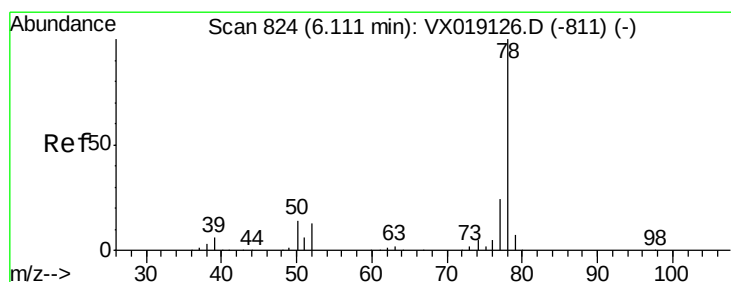
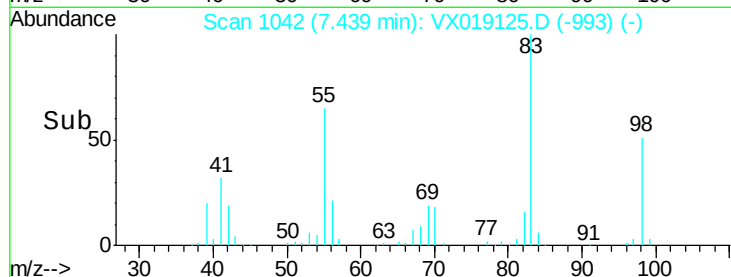
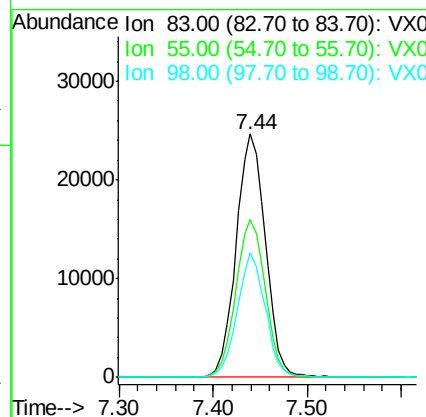
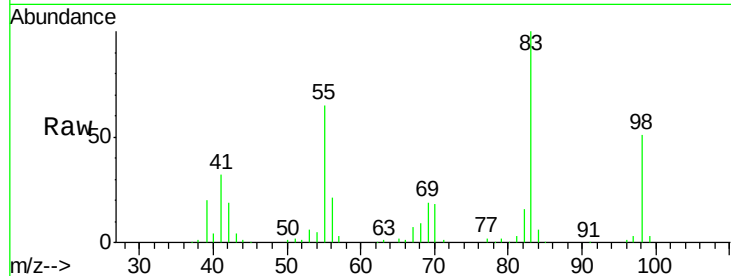
#39
Methylvlcyclohexane
Concen: 18.851 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.1	51.7	77.5
98	51.2	41.9	62.9

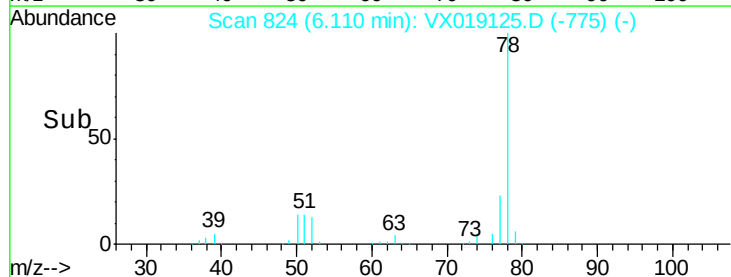
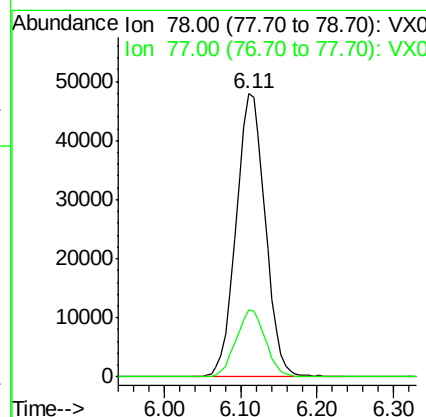
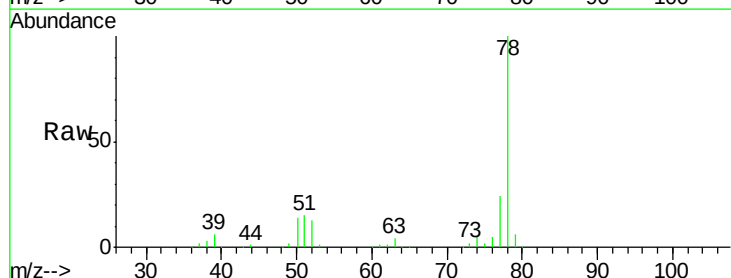
Manual Integrations
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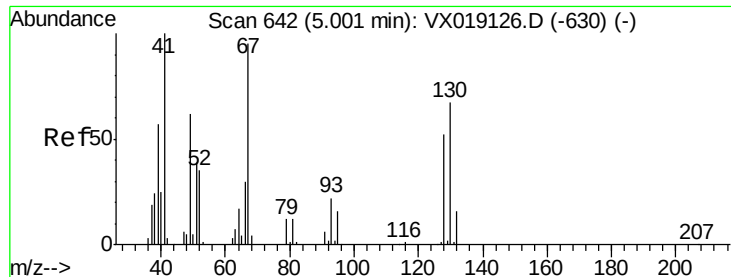
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#40
Benzene
Concen: 18.412 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.5	29.3





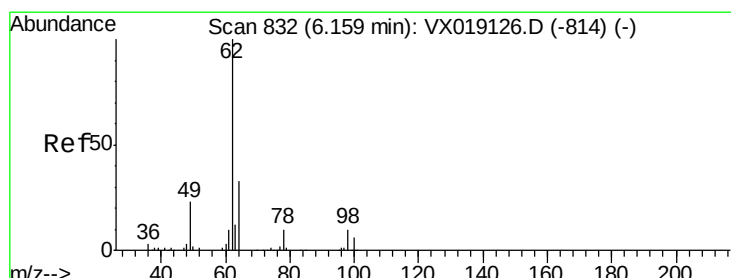
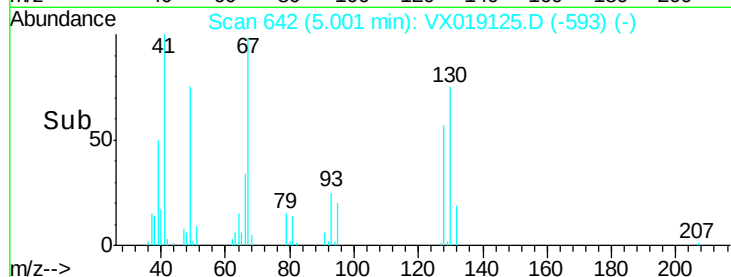
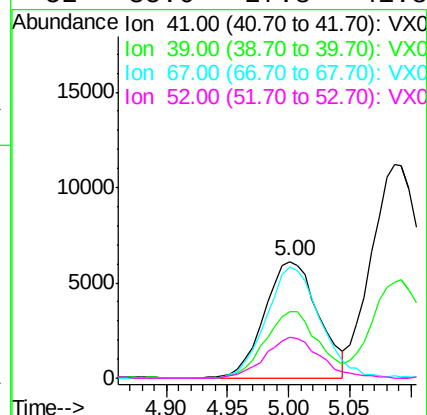
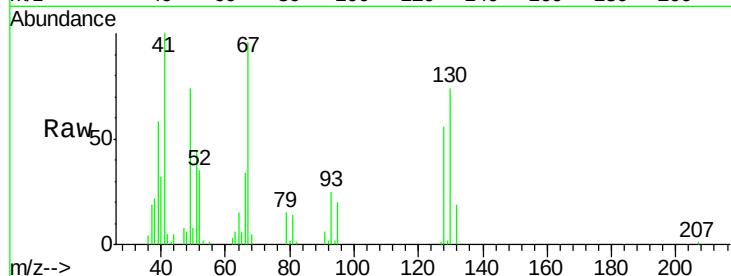
#41
Methacrylonitrile
Concen: 18.287 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	44.7	67.1	
67	95.6	75.3	112.9	
52	35.6	27.8	41.8	

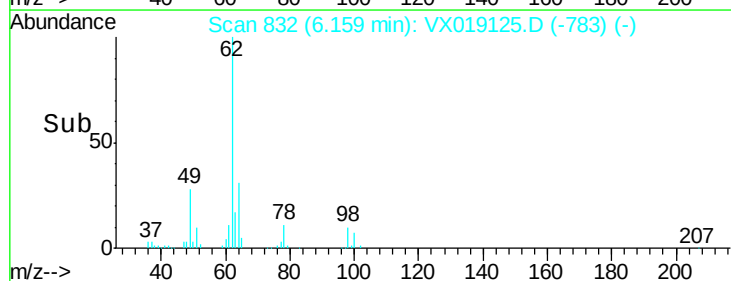
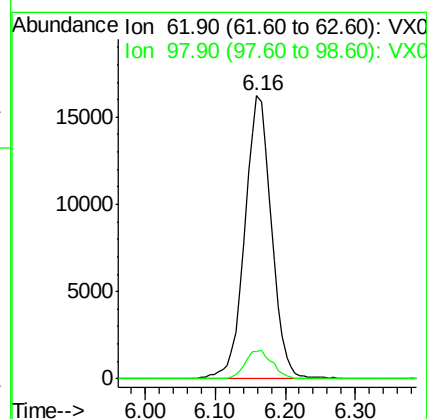
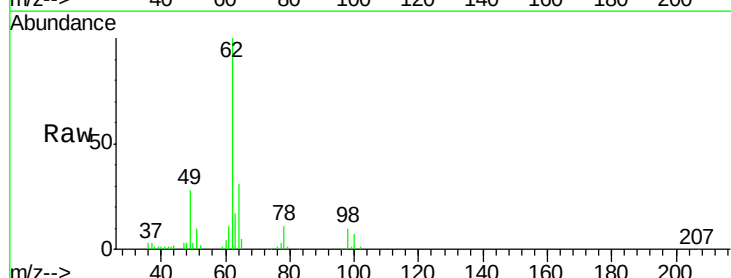
Manual Integrations
APPROVED

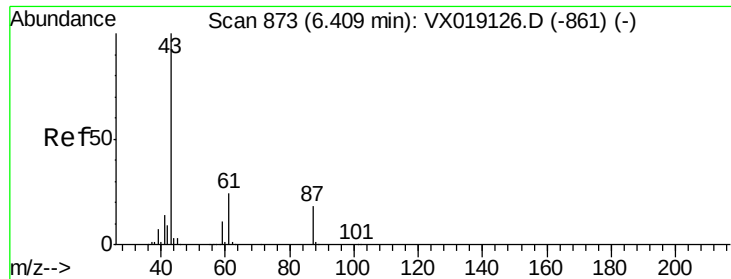
MMDadoda
10/27/2020 6:55:27 PM



#42
1,2-Dichloroethane
Concen: 18.602 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	21.0	





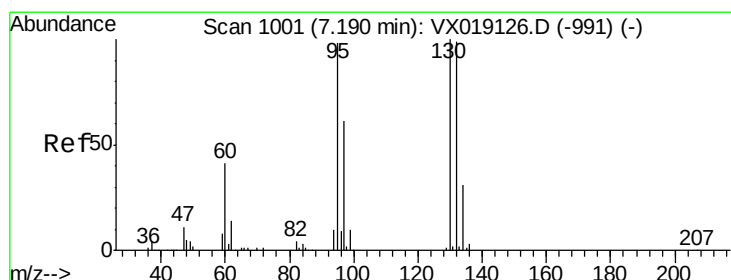
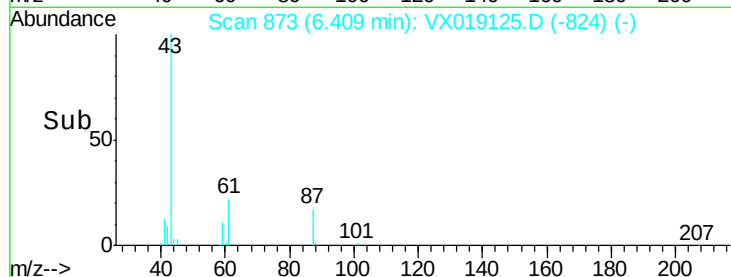
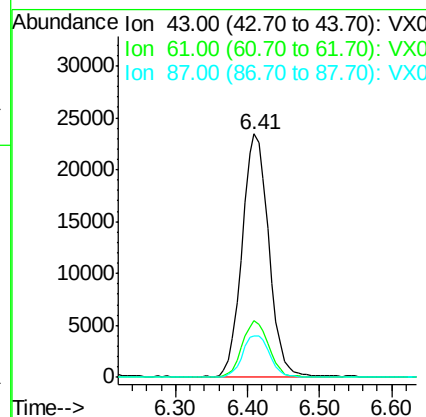
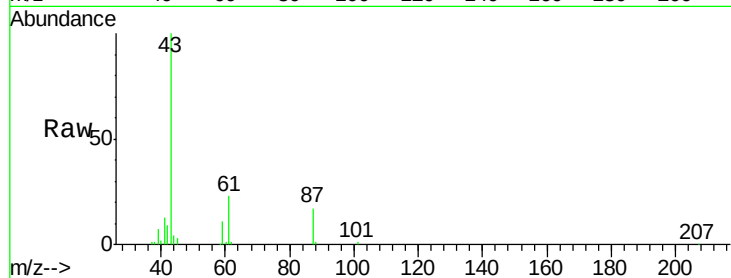
#43
Isopropyl Acetate
Concen: 18.439 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.3	19.0	28.4
87	17.3	14.3	21.5

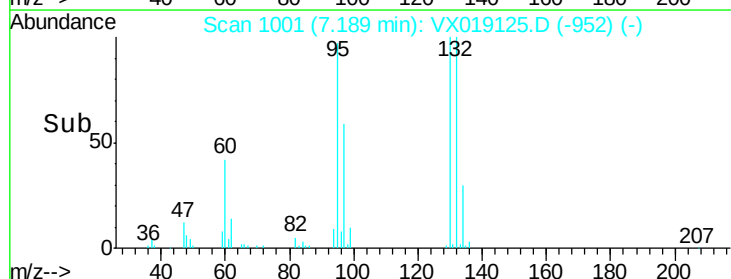
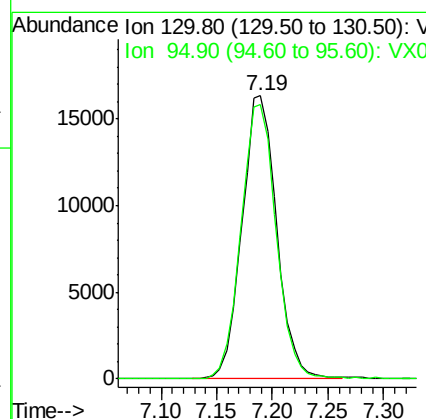
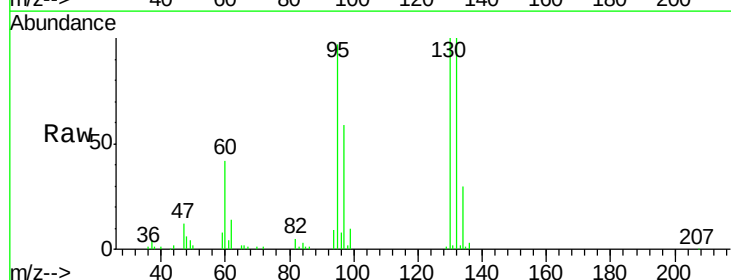
Manual Integrations
APPROVED

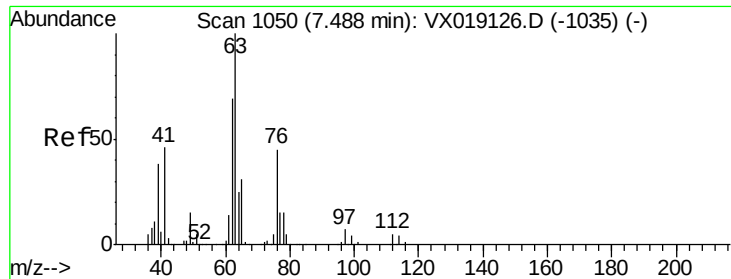
MMDadoda
10/27/2020 6:55:27 PM



#44
Trichloroethene
Concen: 18.040 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	195.6





#45

1,2-Dichloropropane

Concen: 18.712 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 29780

Ion Ratio Lower Upper

63 100

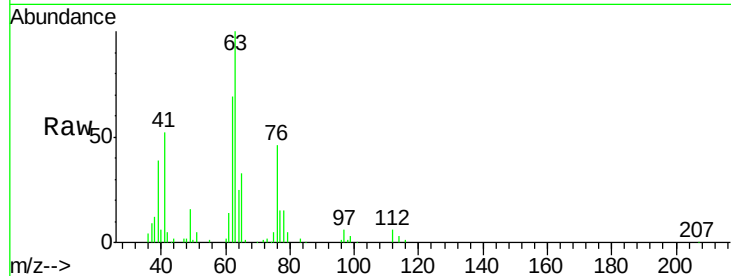
65 32.9 25.0 37.4

Manual Integrations

APPROVED

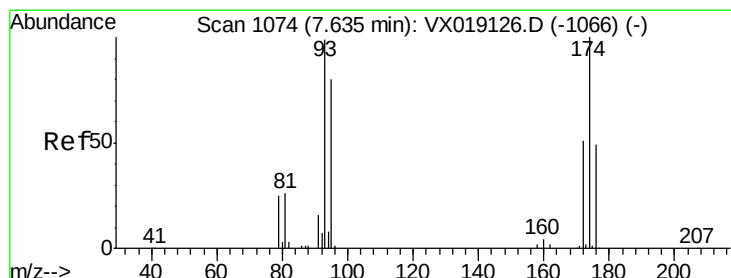
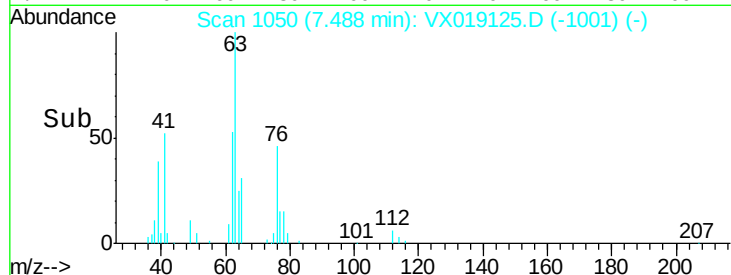
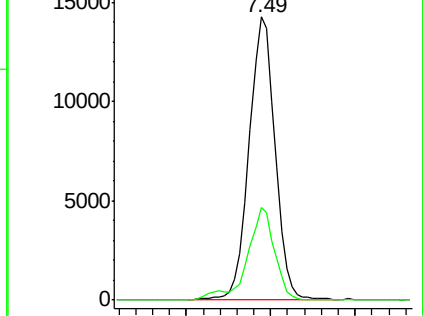
MMDadoda

10/27/2020 6:55:27 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.661 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

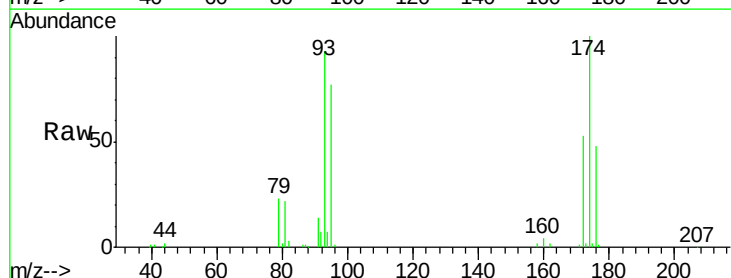
Tgt Ion: 93 Resp: 22412

Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

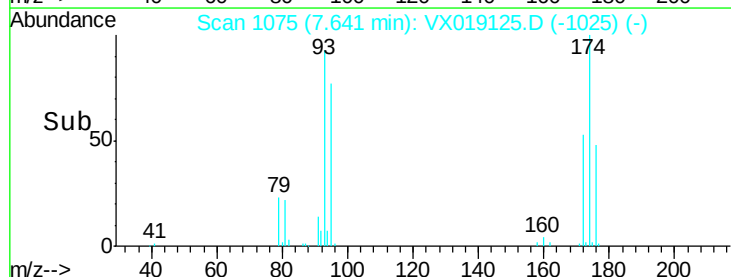
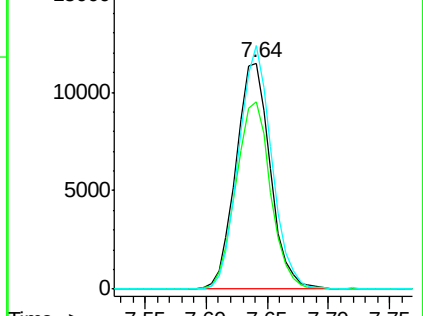
174 103.5 84.5 126.7

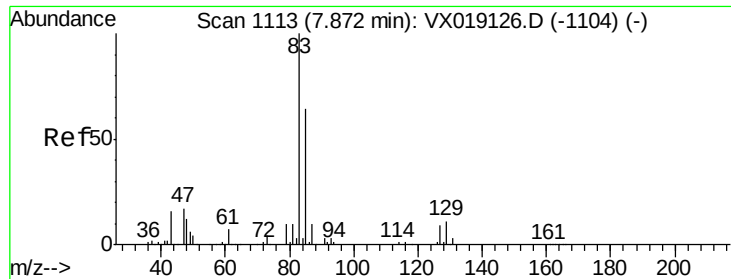


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.820 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

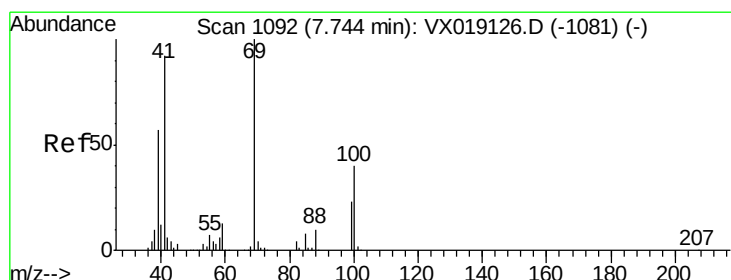
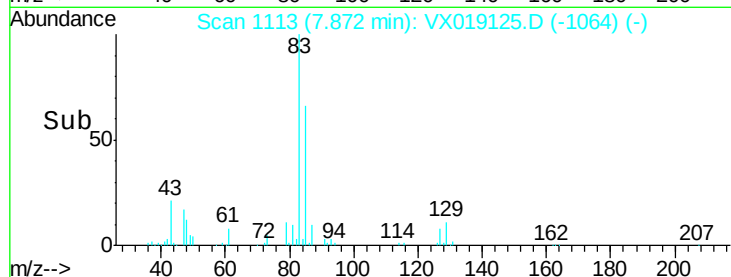
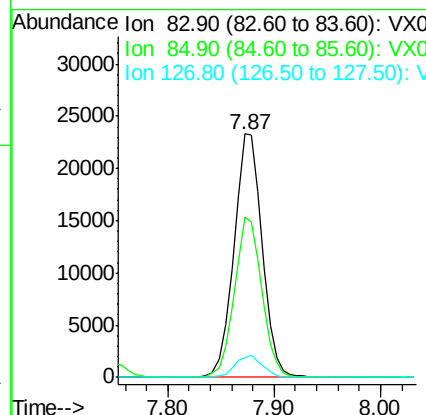
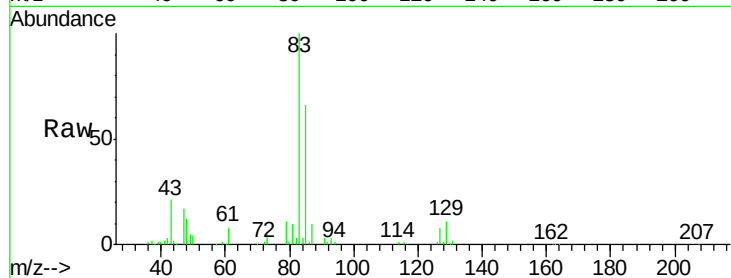
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	43248
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.2	76.8
127	7.9	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.725 ug/l

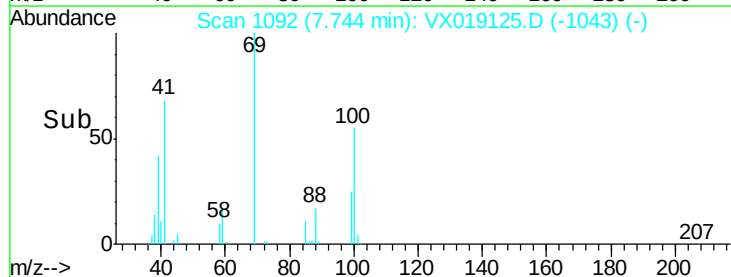
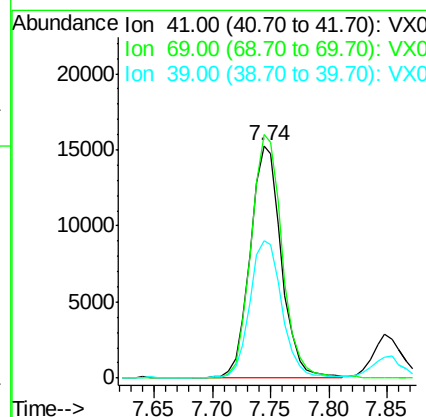
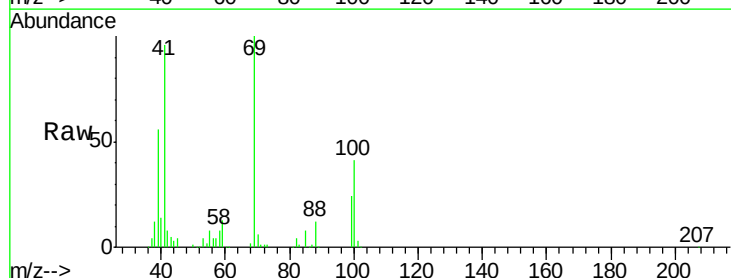
RT: 7.74 min Scan# 1092

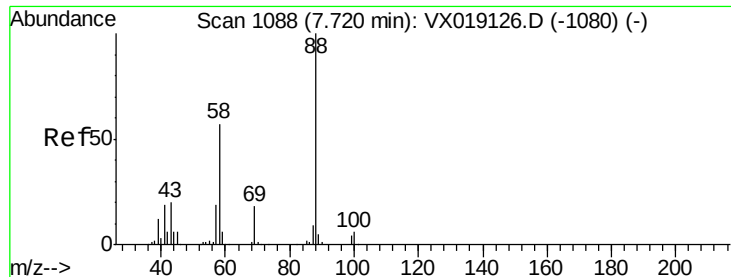
Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion:	41	Resp:	28559
Ion	Ratio	Lower	Upper
41	100		
69	104.4	86.3	129.5
39	61.2	49.7	74.5





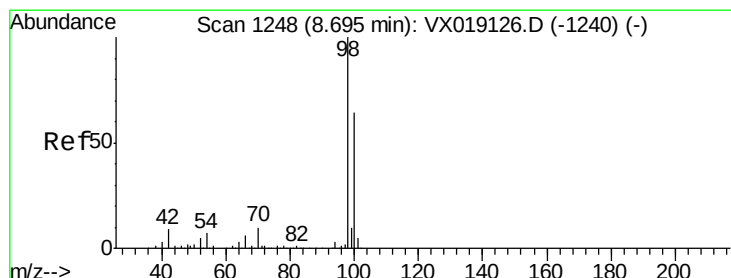
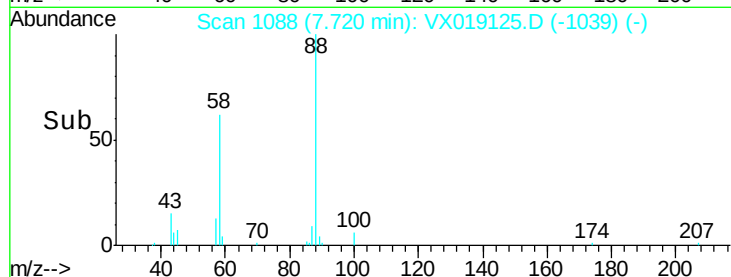
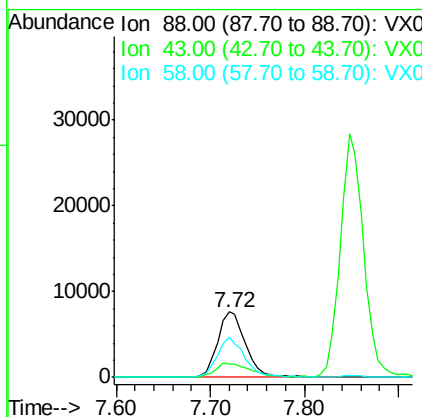
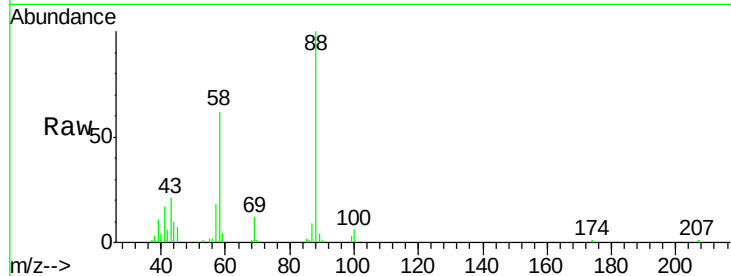
#49
1,4-Dioxane
Concen: 387.700 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	19.7	29.5
58	60.1	47.8	71.6

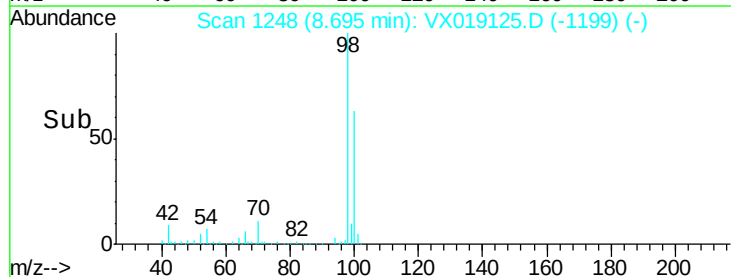
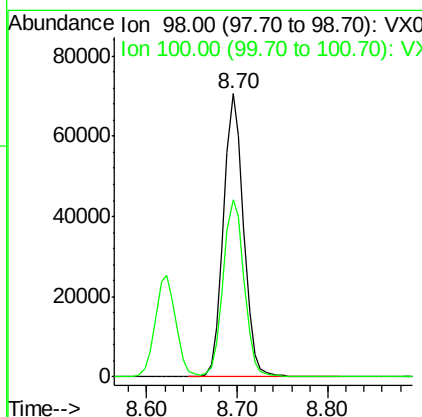
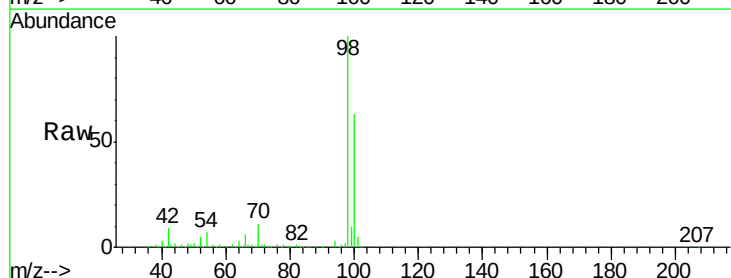
Manual Integrations
APPROVED

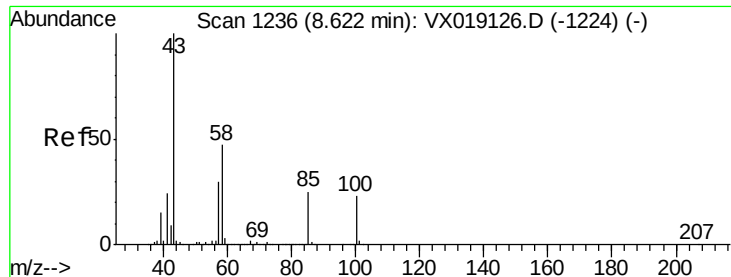
MMDadoda
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#50
Toluene-d8
Concen: 14.922 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





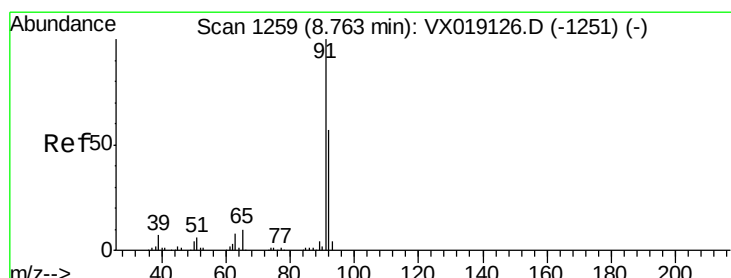
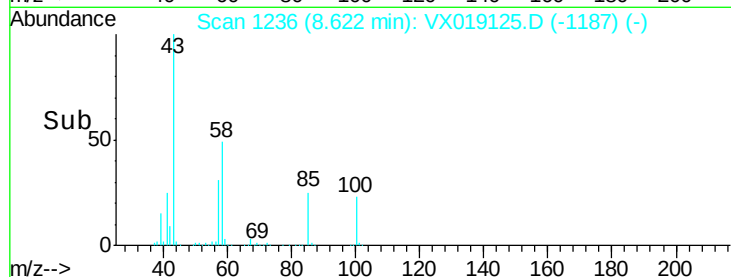
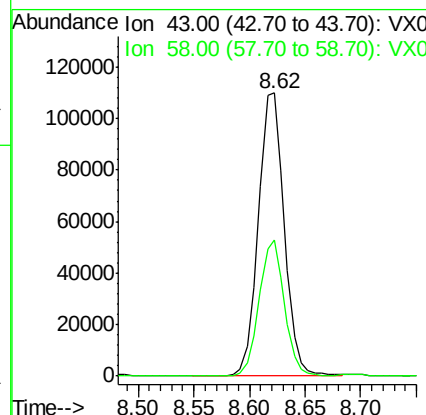
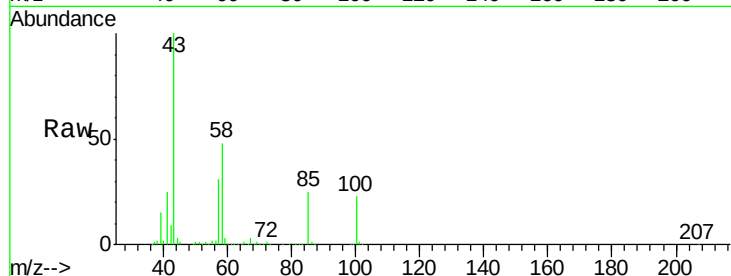
#51
4-Methyl-2-Pentanone
Concen: 94.628 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 179448
Ion Ratio Lower Upper
43 100
58 46.7 37.3 55.9

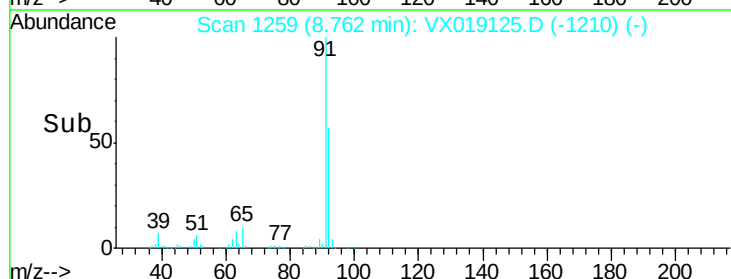
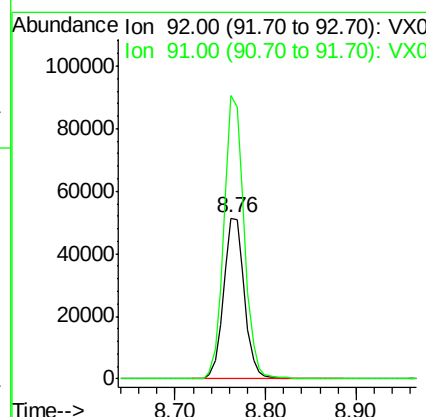
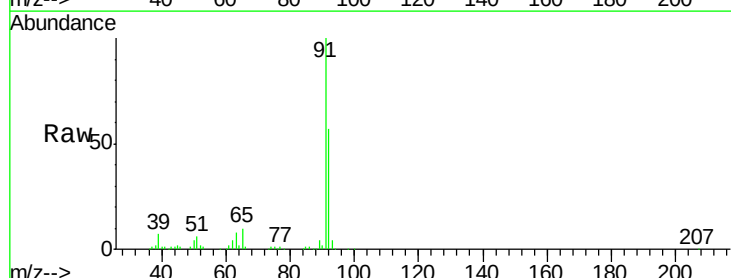
Manual Integrations
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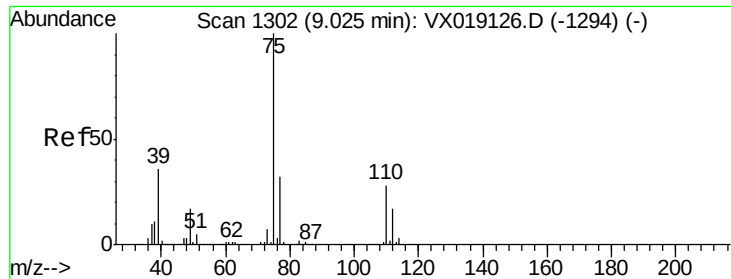
MMDadoda
10/27/2020 6:55:27 PM



#52
Toluene
Concen: 18.673 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 92 Resp: 81850
Ion Ratio Lower Upper
92 100
91 172.2 138.4 207.6





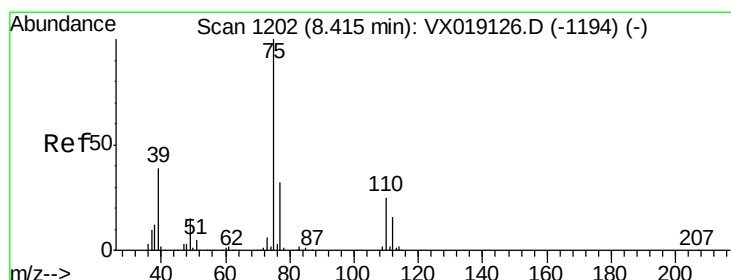
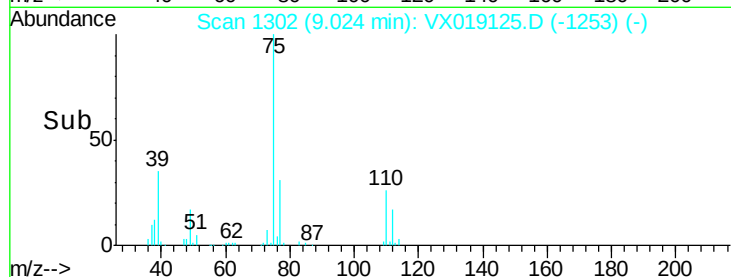
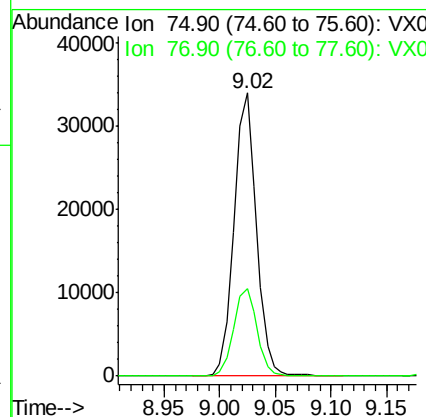
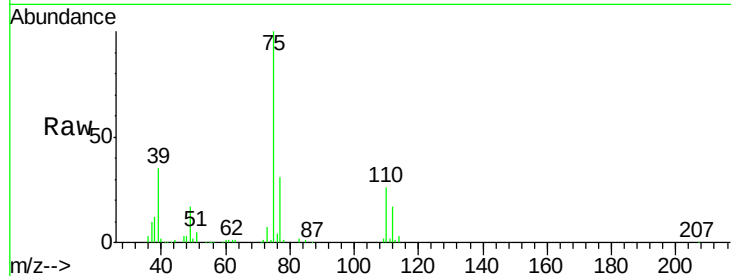
#53
t-1,3-Dichloropropene
Concen: 18.819 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 47306
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

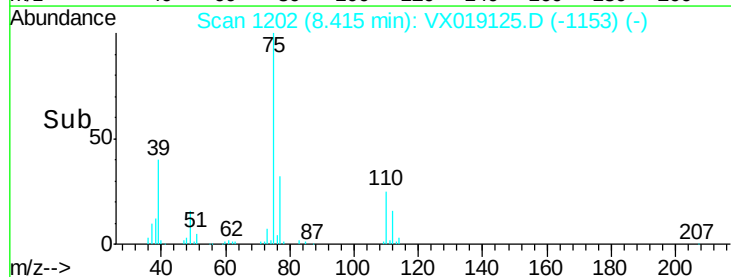
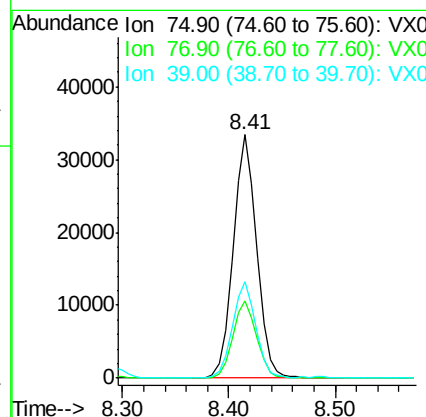
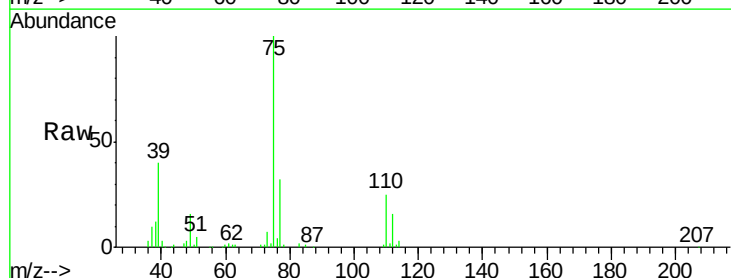
Manual Integrations
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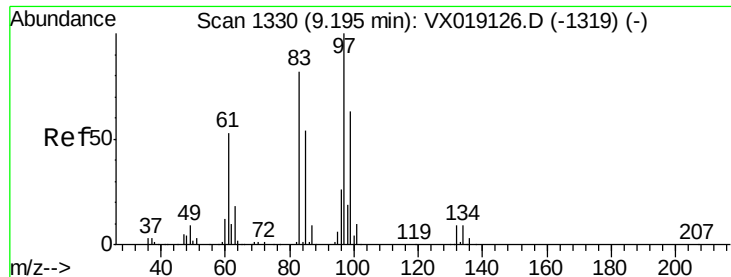
MMDadoda
10/27/2020 6:55:27 PM



#54
cis-1,3-Dichloropropene
Concen: 19.067 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion: 75 Resp: 51581
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2
39 39.6 31.0 46.6





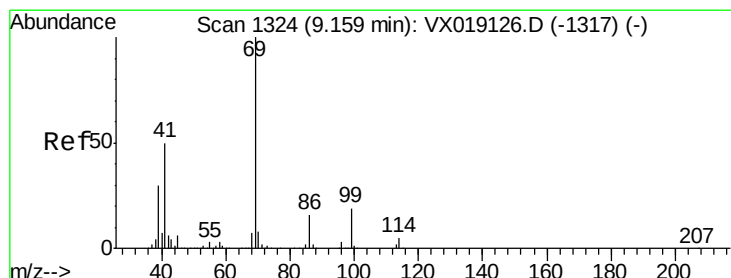
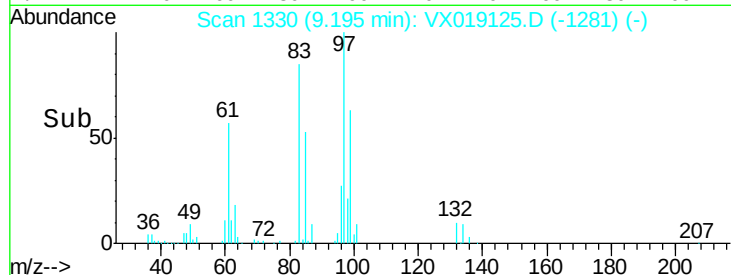
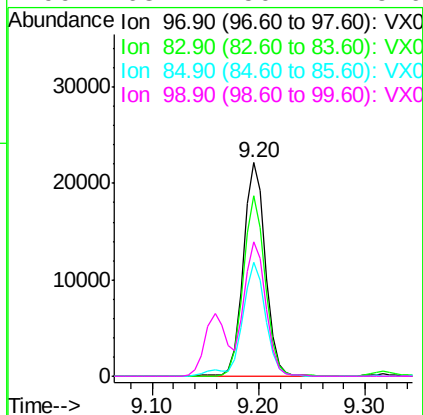
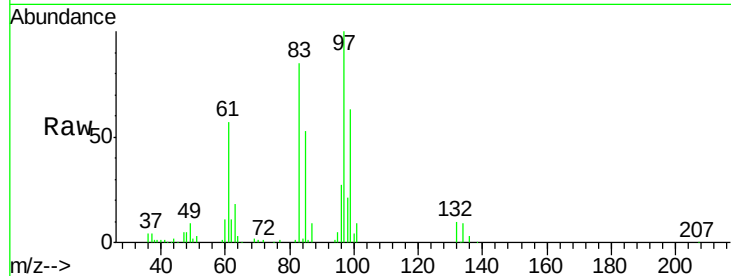
#55
 1,1,2-Trichloroethane
 Concen: 18.559 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	97	Resp:	32354
Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.6	98.4
85	53.2	43.4	65.2
99	63.1	50.4	75.6

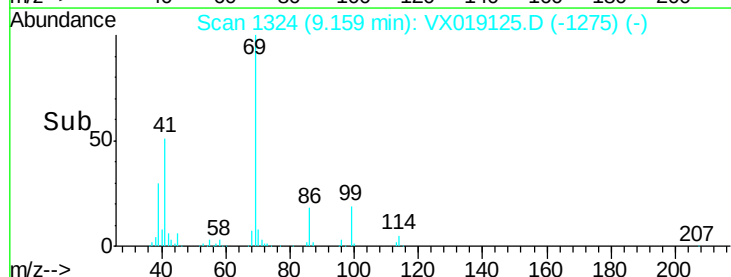
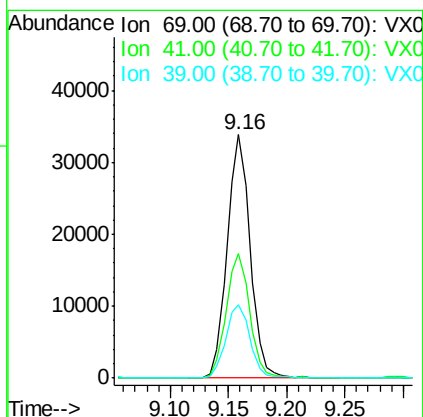
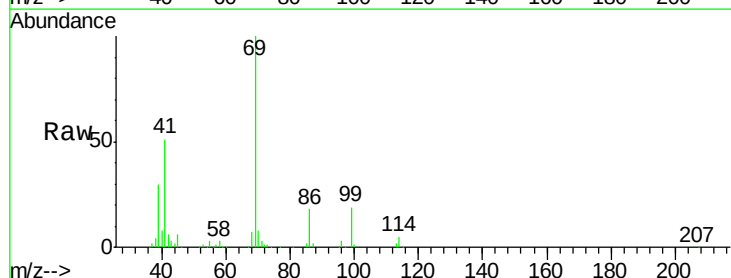
Manual Integrations
 APPROVED

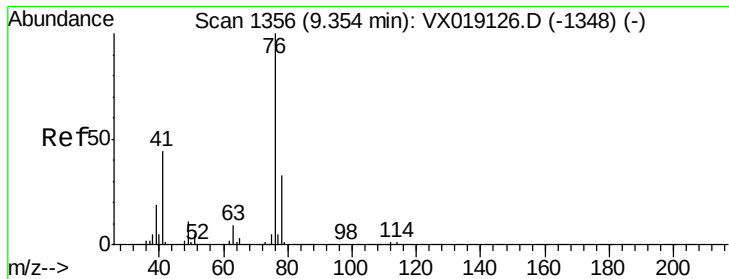
MMDadoda
 10/27/2020 6:55:27 PM



#56
 Ethyl methacrylate
 Concen: 19.060 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	69	Resp:	46487
Ion	Ratio	Lower	Upper
69	100		
41	52.7	40.3	60.5
39	32.2	24.6	37.0





#57

1,3-Dichloropropane

Concen: 18.861 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 54146

Ion Ratio Lower Upper

76 100

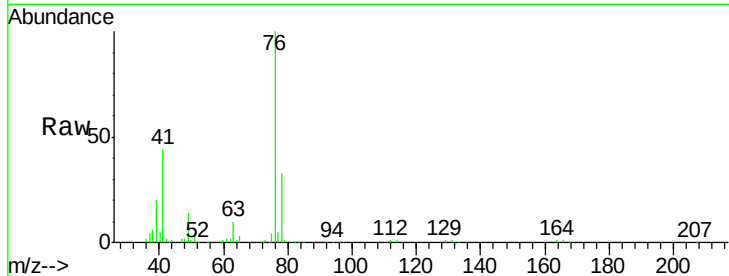
78 32.4 26.2 39.2

Manual Integrations

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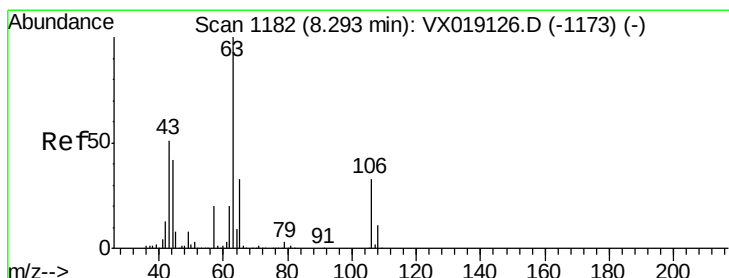
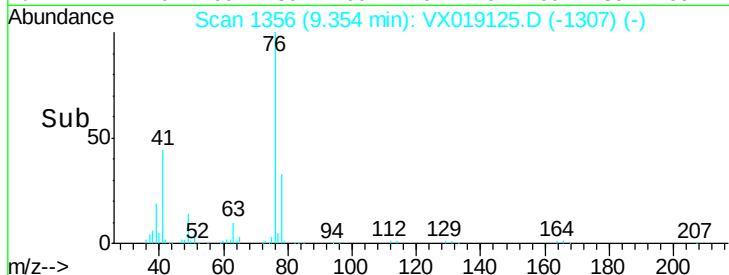
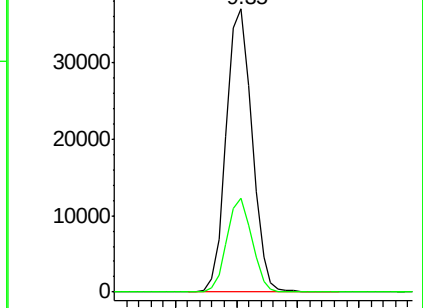
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.515 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019125.D

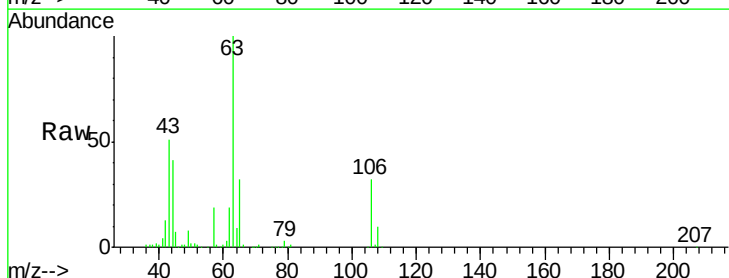
Acq: 26 Oct 2020 18:09

Tgt Ion: 63 Resp: 128765

Ion Ratio Lower Upper

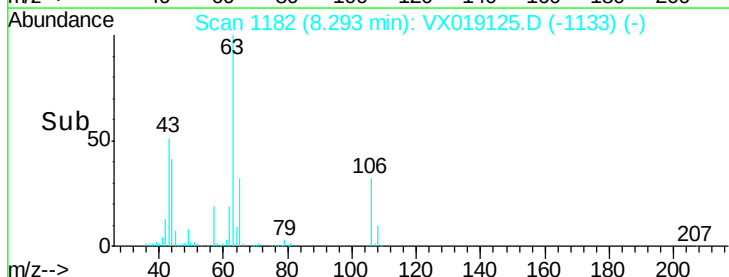
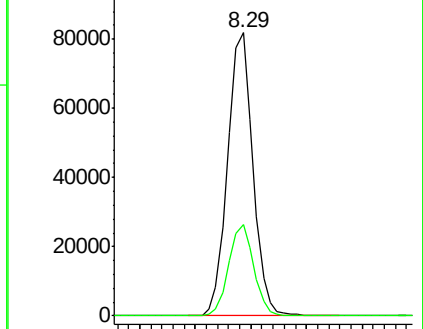
63 100

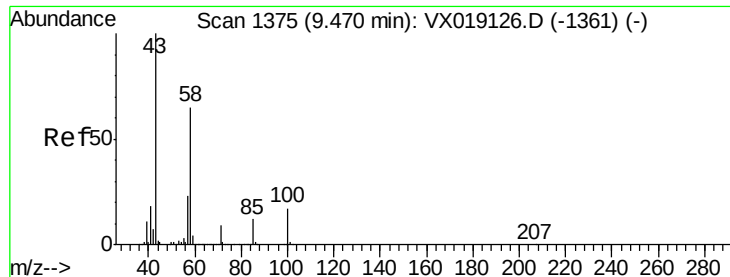
106 31.9 26.2 39.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





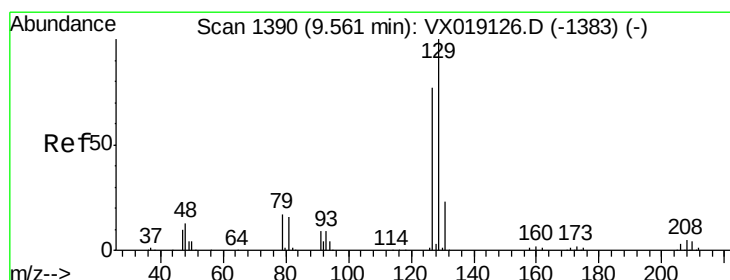
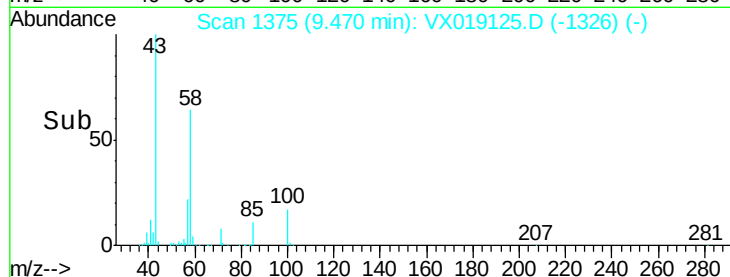
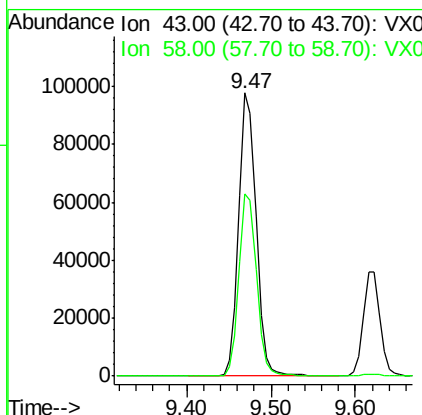
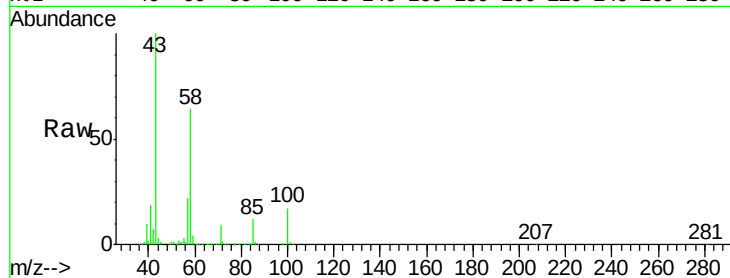
#59
2-Hexanone
Concen: 95.393 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.0	33.1	99.3

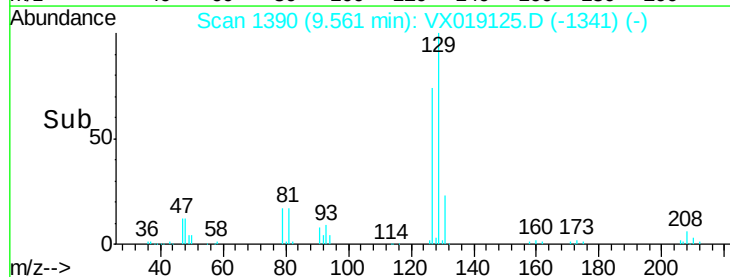
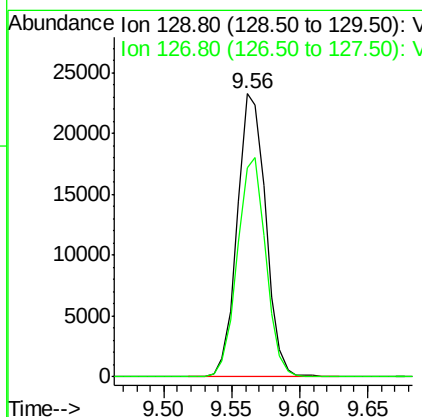
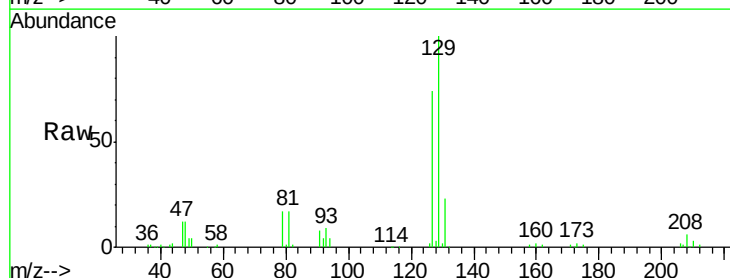
Manual Integrations
APPROVED

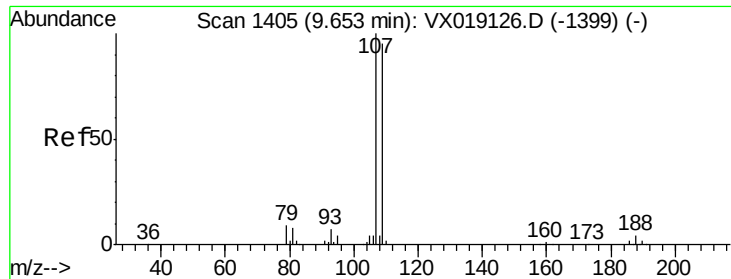
MMDadoda
10/27/2020 6:55:27 PM



#60
Dibromochloromethane
Concen: 19.214 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.5	115.5





#61

1,2-Dibromoethane

Concen: 19.084 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 107 Resp: 34939

Ion Ratio Lower Upper

107 100

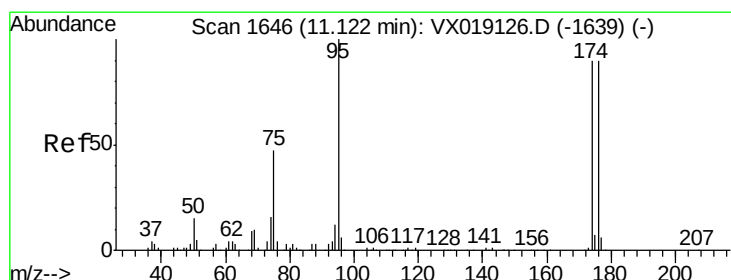
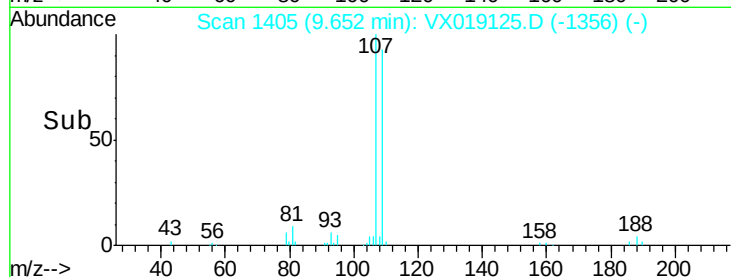
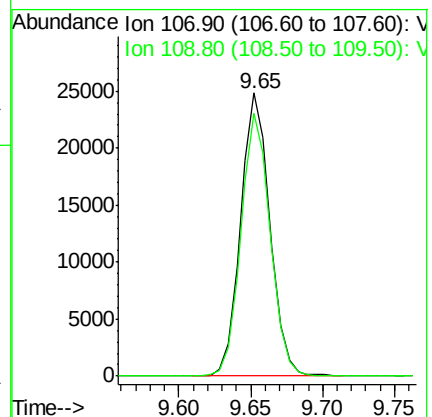
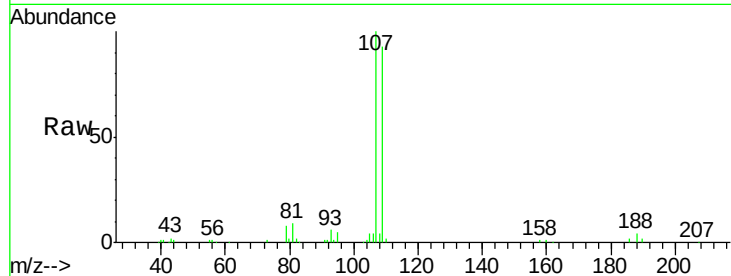
109 93.1 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 15.108 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

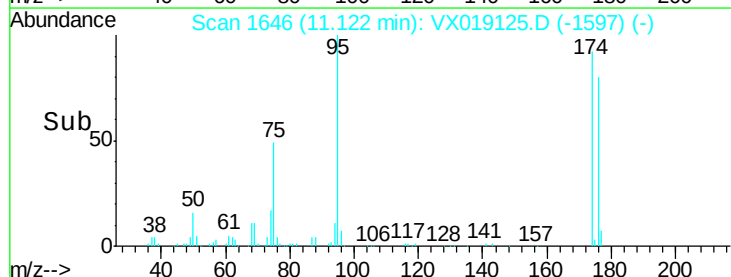
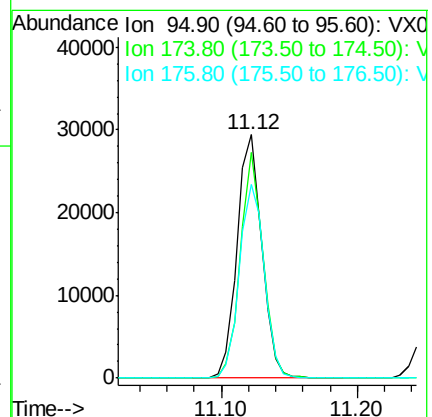
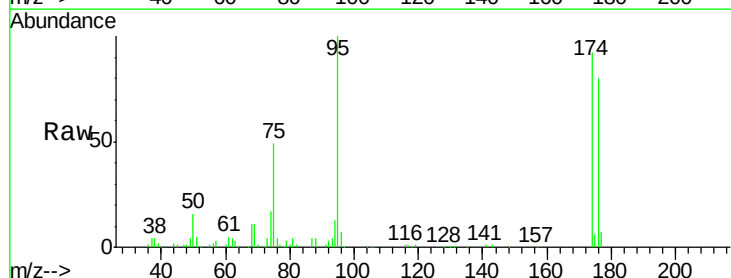
Tgt Ion: 95 Resp: 37182

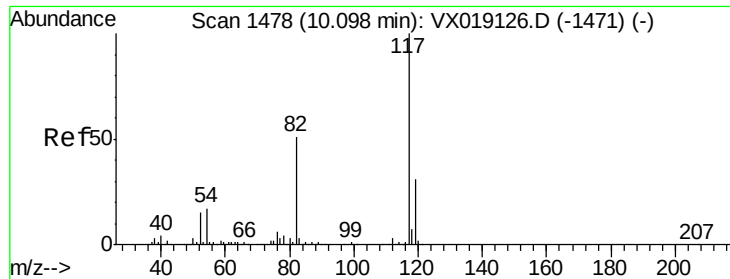
Ion Ratio Lower Upper

95 100

174 85.0 0.0 169.6

176 80.3 0.0 169.2





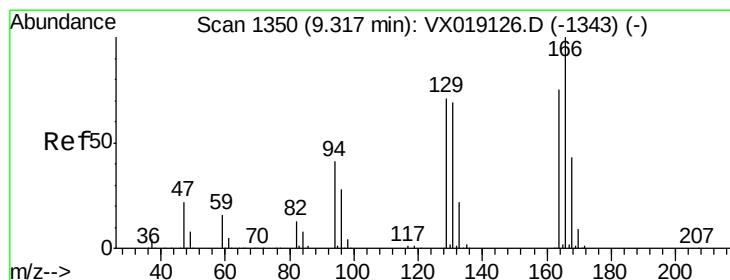
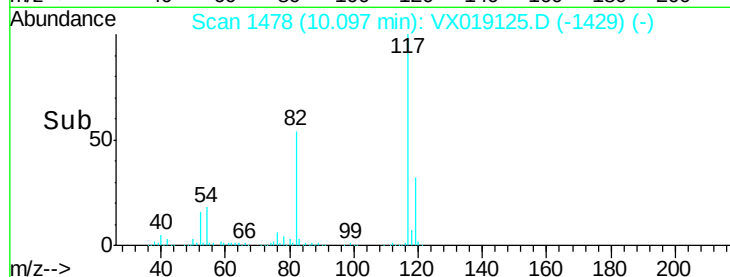
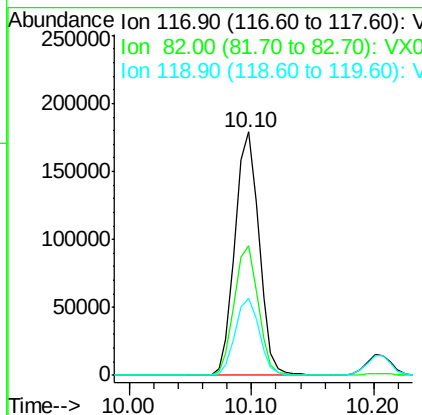
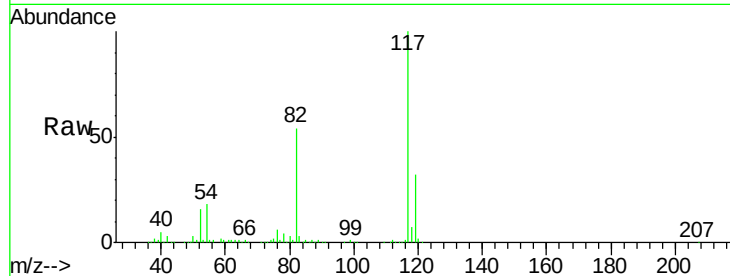
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	243094		
82	53.5	40.6	60.8	
119	31.5	24.7	37.1	

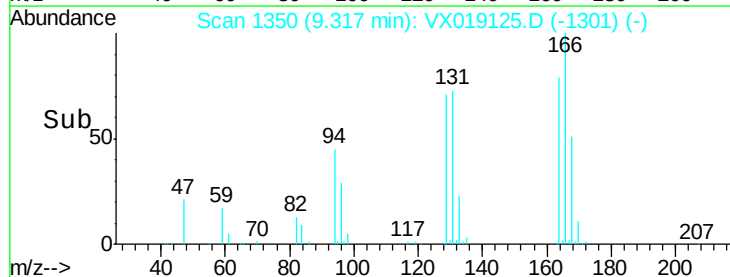
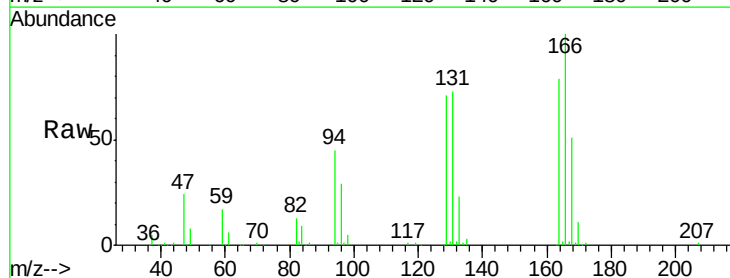
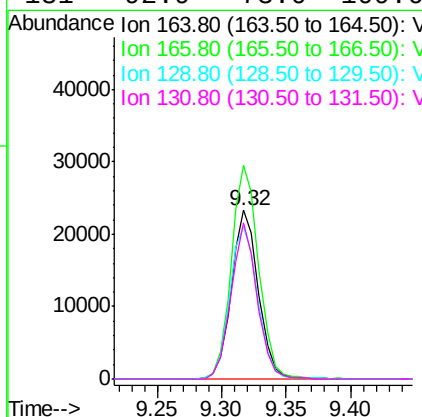
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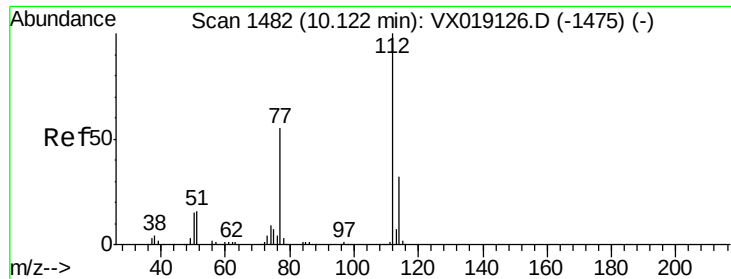
MMDadoda
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#64
Tetrachloroethene
Concen: 18.176 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	34033		
166	126.6	106.4	159.6	
129	90.2	75.9	113.9	
131	92.9	73.0	109.6	





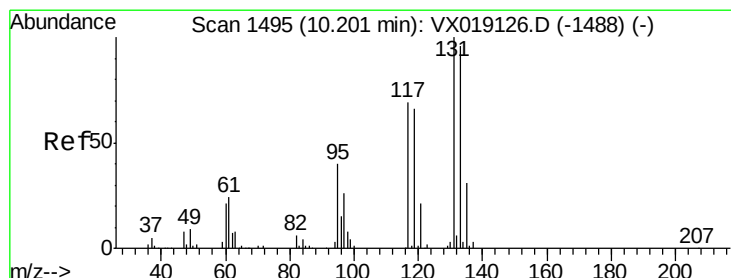
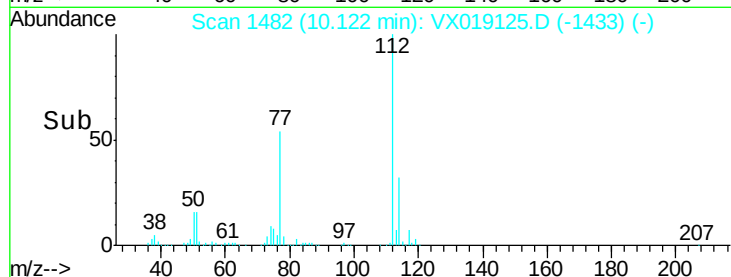
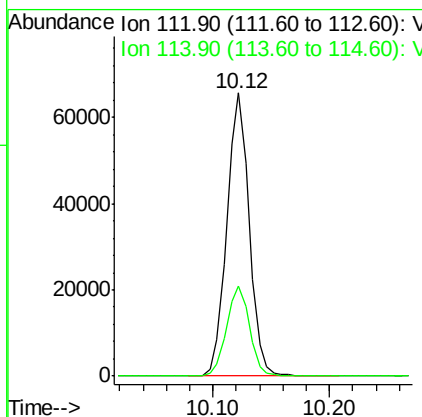
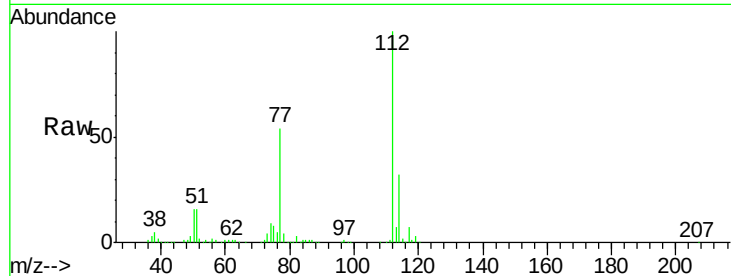
#65
Chlorobenzene
Concen: 18.645 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 87563
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

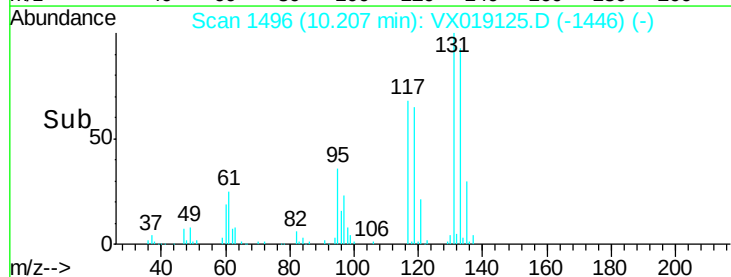
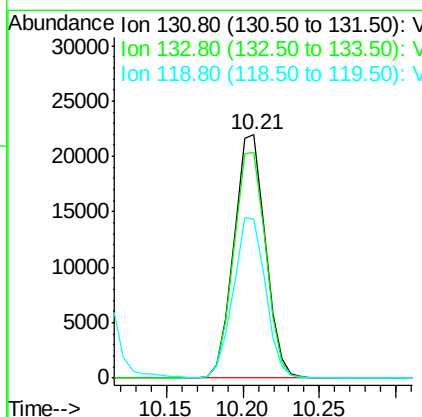
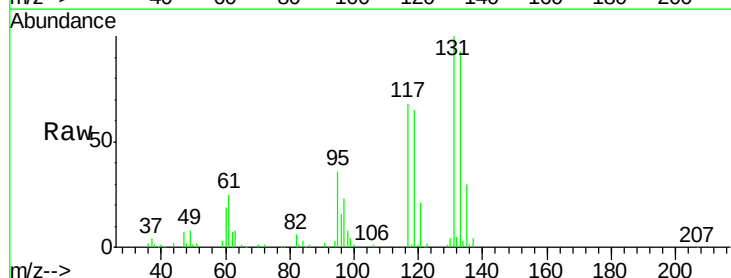
Manual Integrations
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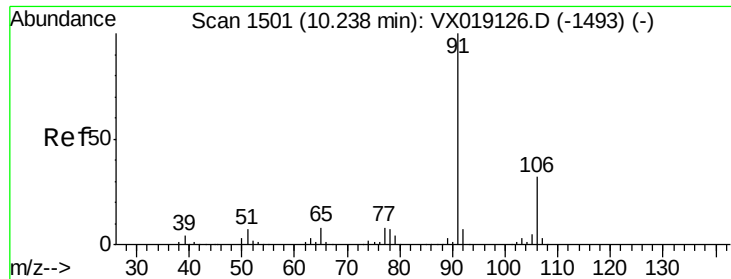
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.971 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion:131 Resp: 31408
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 67.0 33.4 100.1





#67

Ethyl Benzene

Concen: 18.637 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 153822

Ion Ratio Lower Upper

91 100

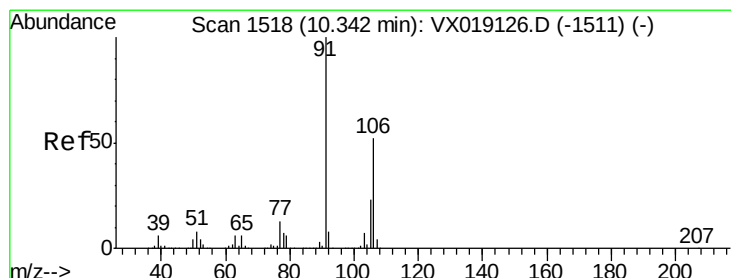
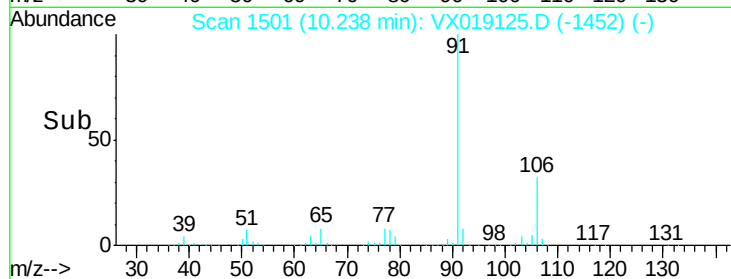
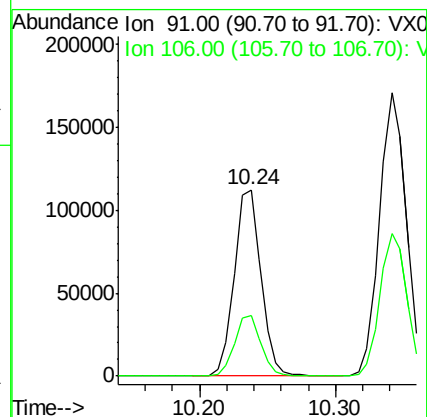
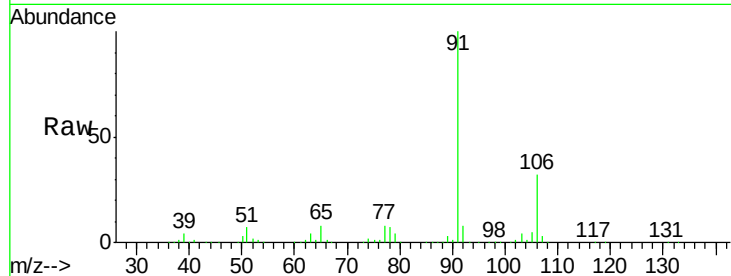
106 32.4 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.735 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019125.D

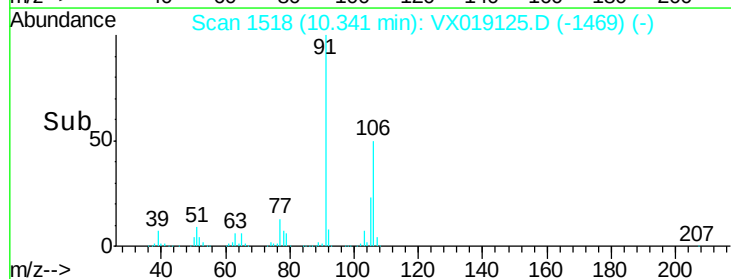
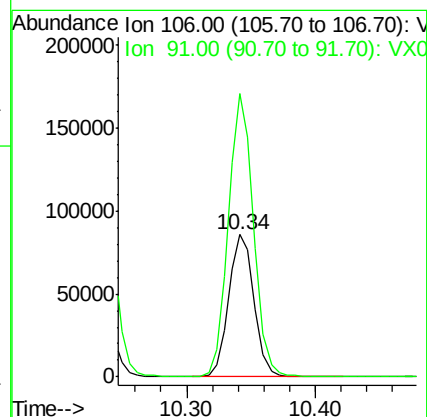
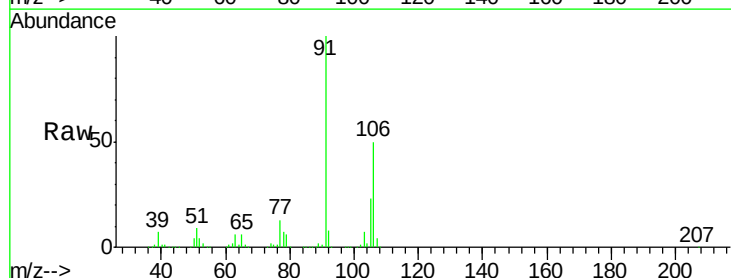
Acq: 26 Oct 2020 18:09

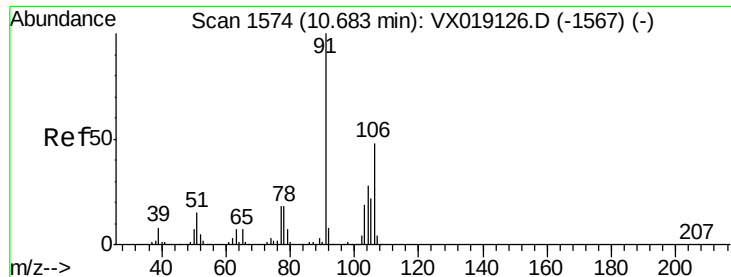
Tgt Ion: 106 Resp: 118807

Ion Ratio Lower Upper

106 100

91 197.5 157.4 236.0





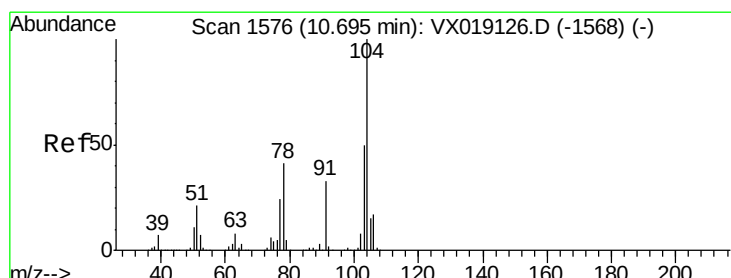
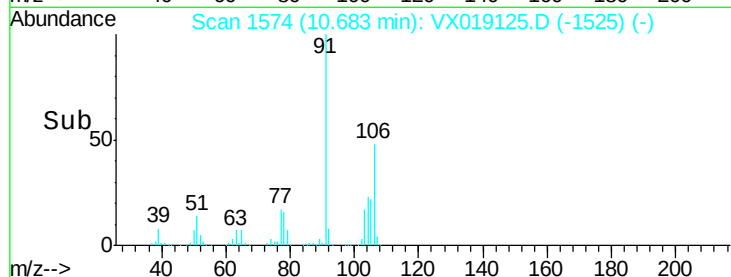
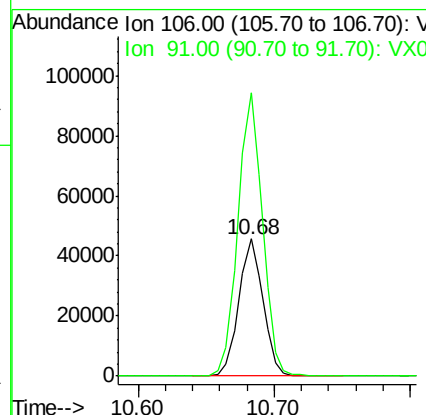
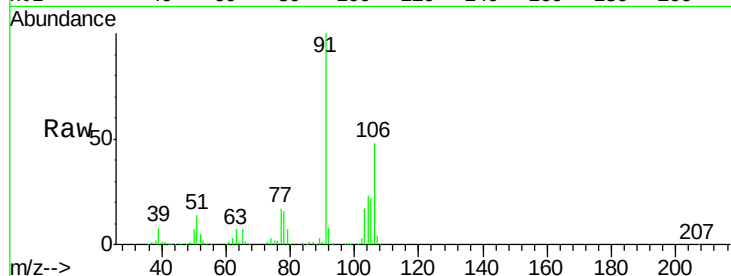
#69
o-Xylene
Concen: 18.936 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.8	104.5	313.3

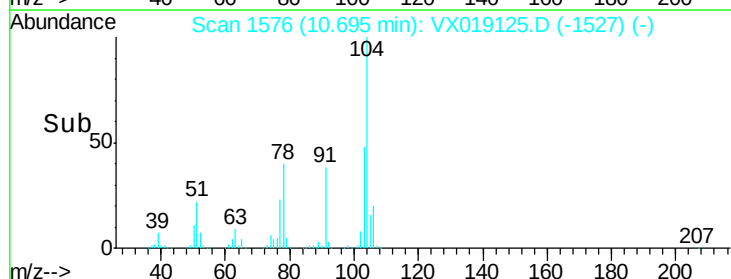
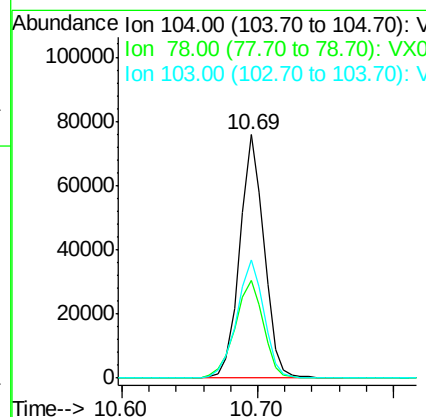
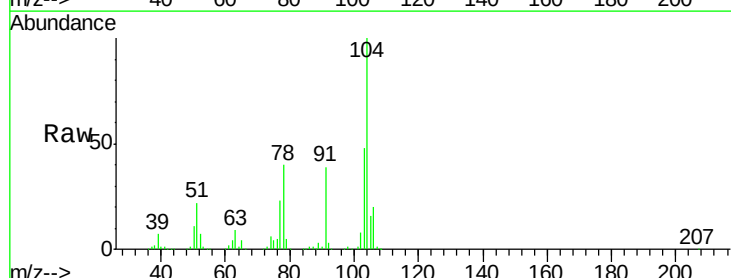
Manual Integrations
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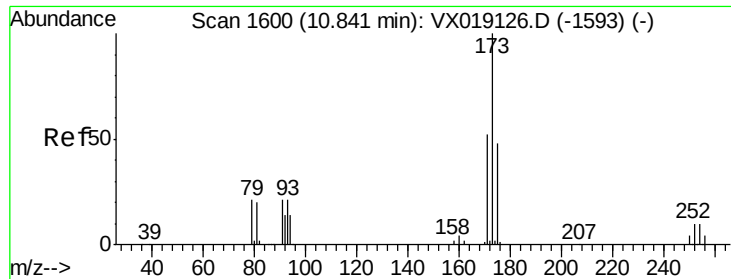
MMDadoda
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#70
Styrene
Concen: 19.206 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.8	56.6
103	54.4	43.7	65.5





#71

Bromoform

Concen: 19.136 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 23549

Ion Ratio Lower Upper

173 100

175 46.8 24.1 72.3

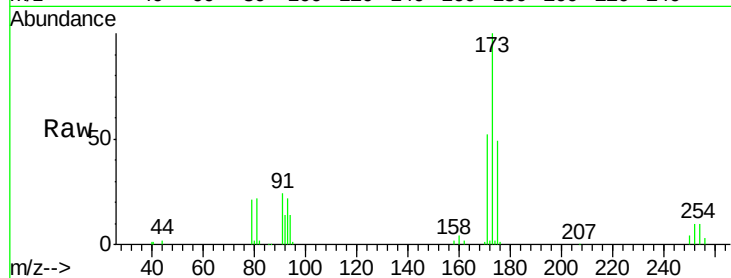
254 0.0 0.1 0.1#

Manual Integrations

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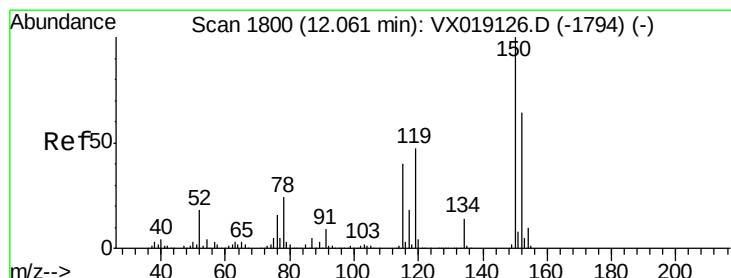
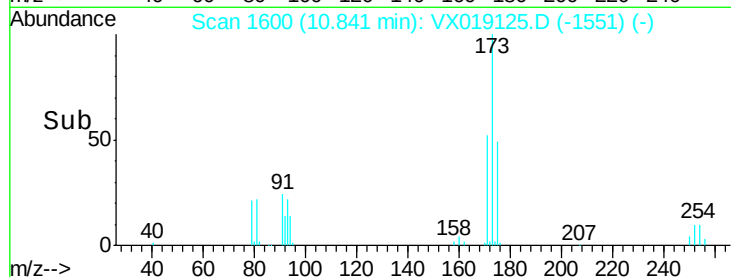
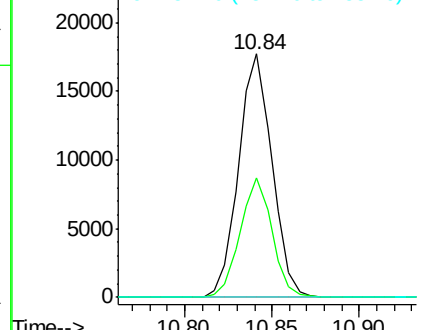
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX019125.D

Acq: 26 Oct 2020 18:09

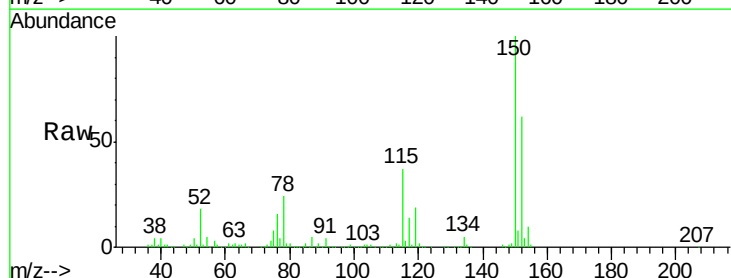
Tgt Ion:152 Resp: 122092

Ion Ratio Lower Upper

152 100

115 65.9 40.8 122.2

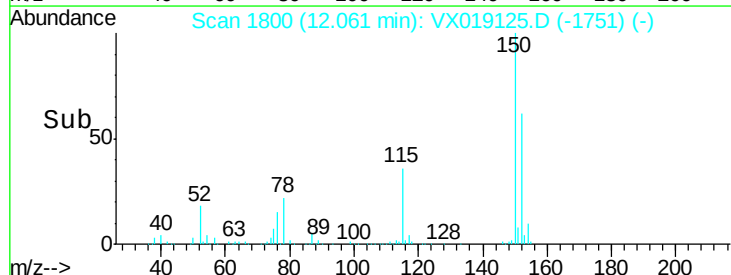
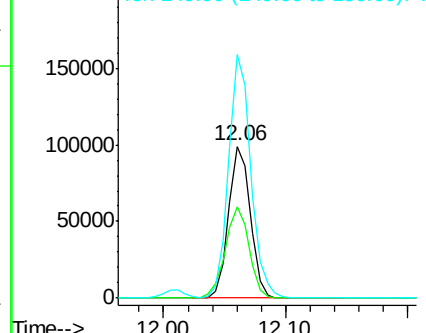
150 164.1 0.0 350.4

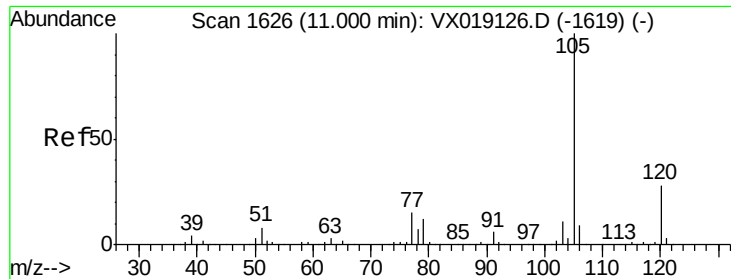


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.858 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 153138

Ion Ratio Lower Upper

105 100

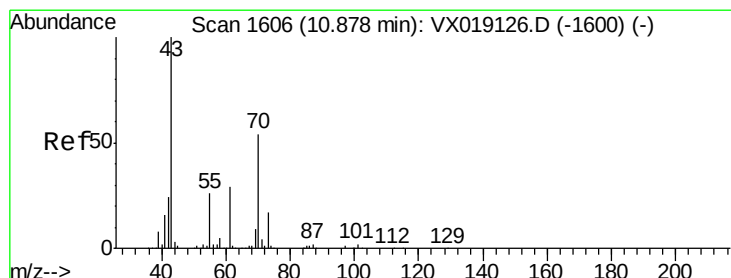
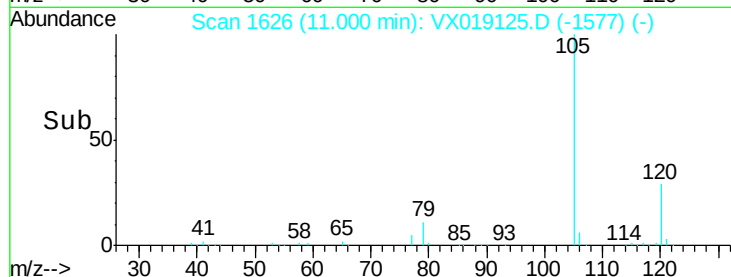
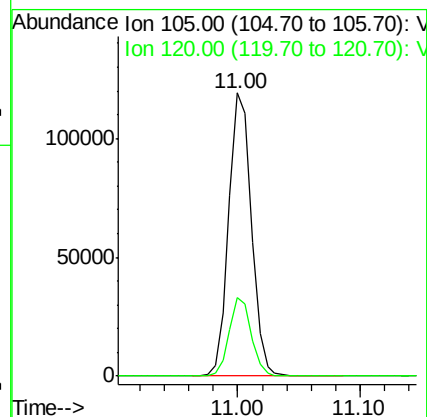
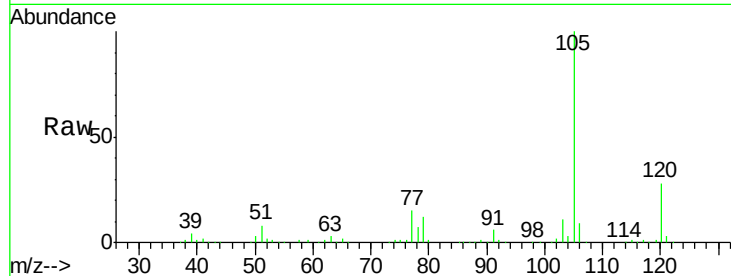
120 26.9 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.088 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion: 43 Resp: 47397

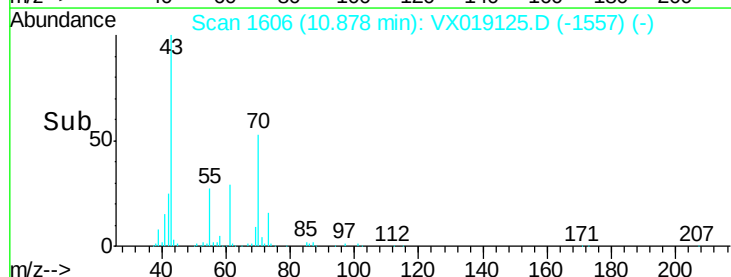
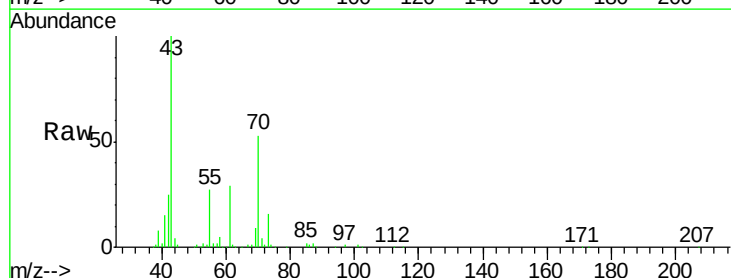
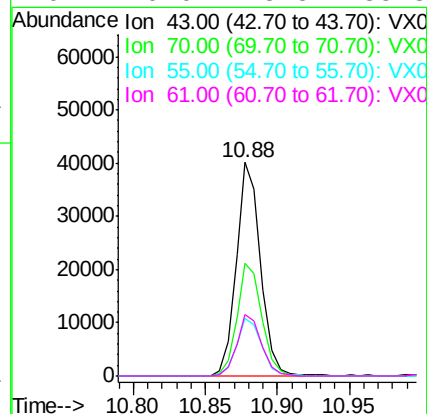
Ion Ratio Lower Upper

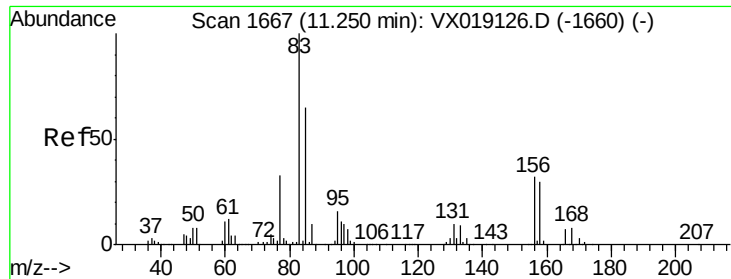
43 100

70 54.0 43.9 65.9

55 27.8 21.5 32.3

61 29.0 23.5 35.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.986 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

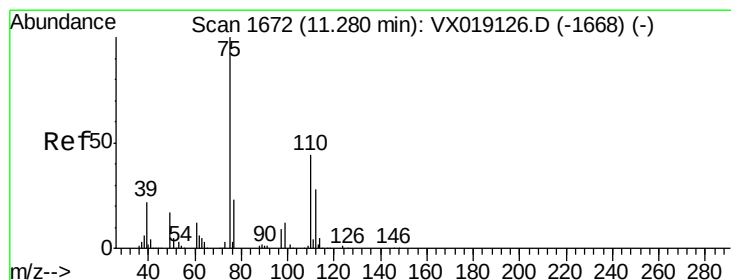
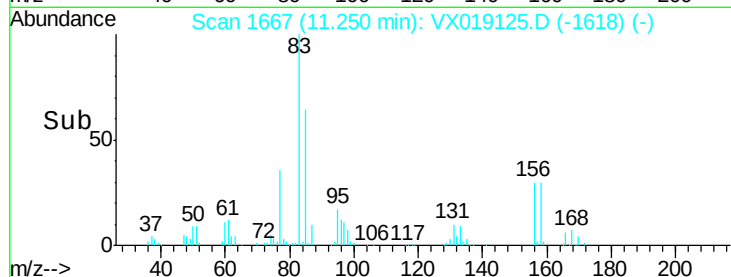
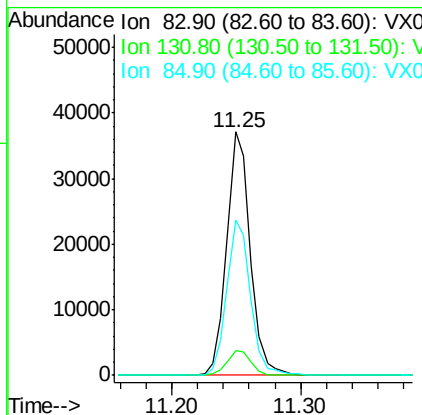
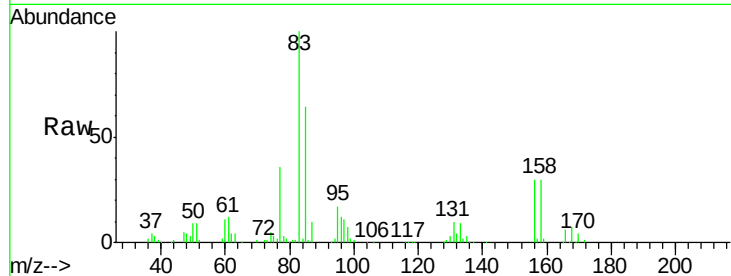
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	47992
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.2	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 15.985 ug/l m

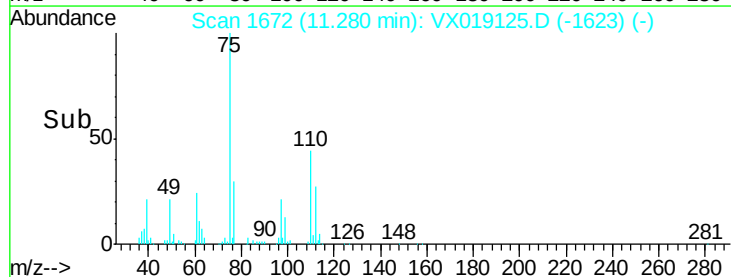
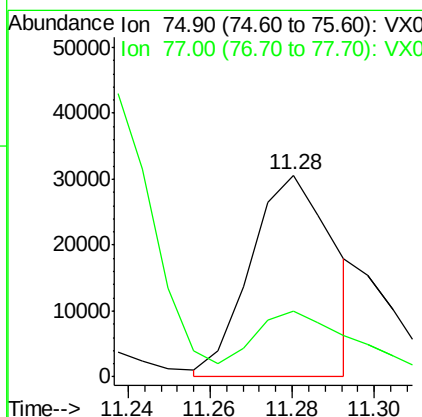
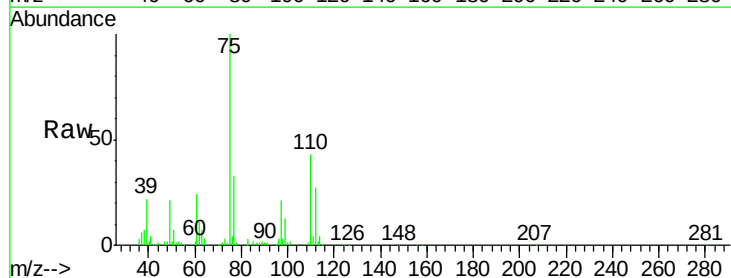
RT: 11.28 min Scan# 1672

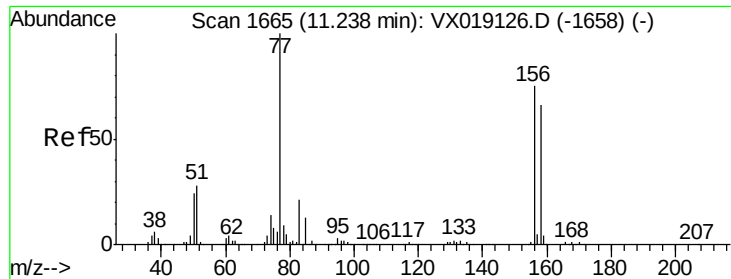
Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion:	75	Resp:	42859
Ion	Ratio	Lower	Upper
75	100		
77	40.9	20.4	61.3





#77

Bromobenzene

Concen: 18.230 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

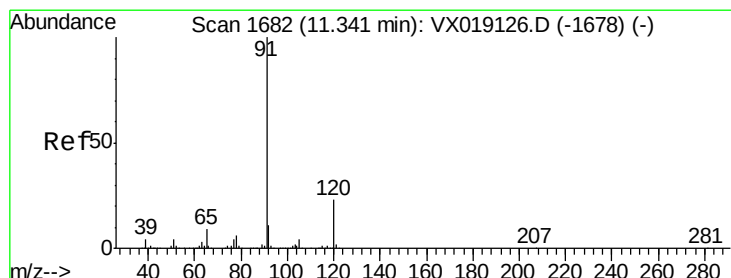
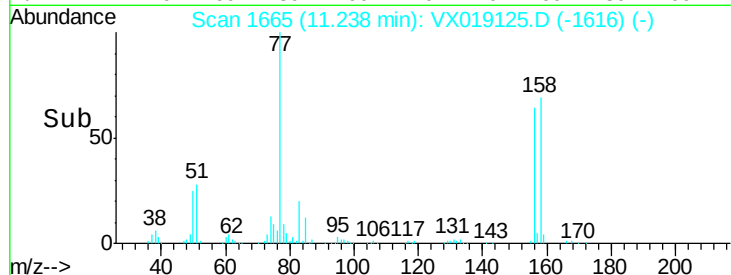
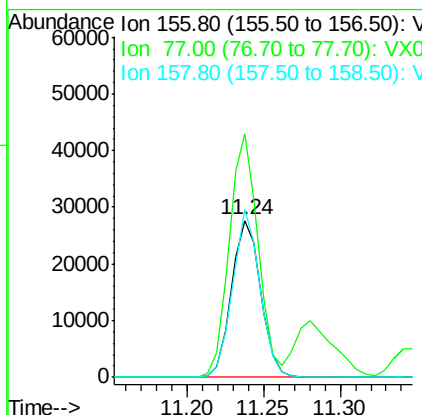
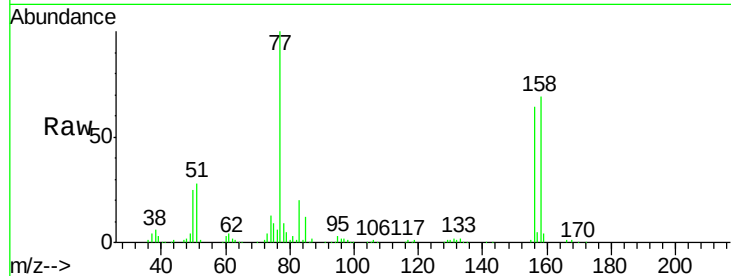
ClientSampleId :

VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	152.8	71.7	215.0	
158	100.1	46.9	140.8	

Manual Integrations
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#78

n-propylbenzene

Concen: 19.022 ug/l

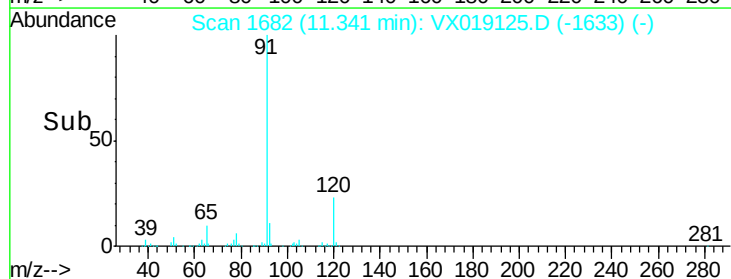
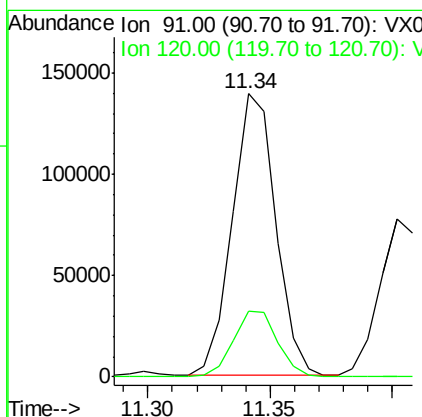
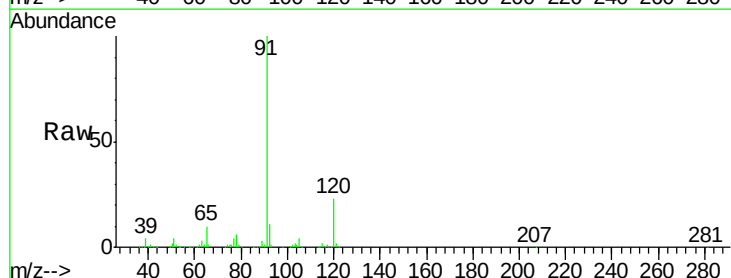
RT: 11.34 min Scan# 1682

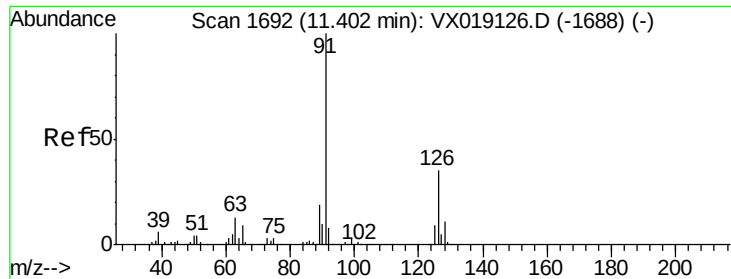
Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.9	12.0	36.0	





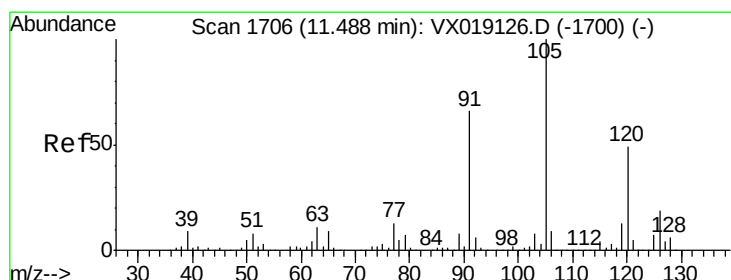
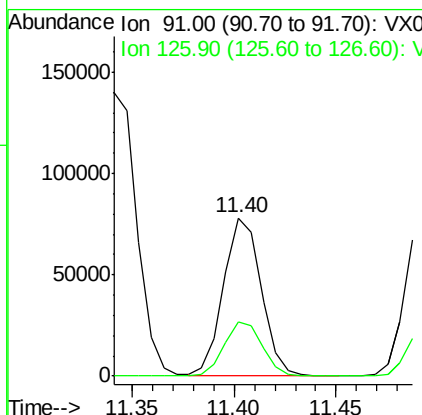
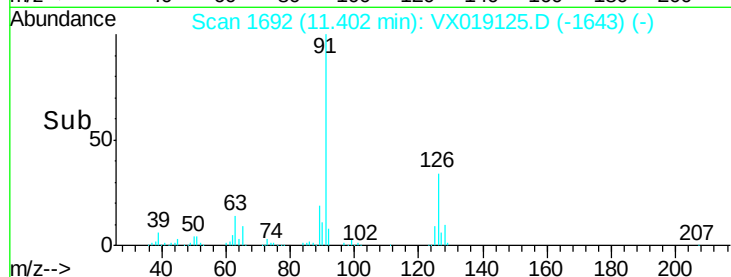
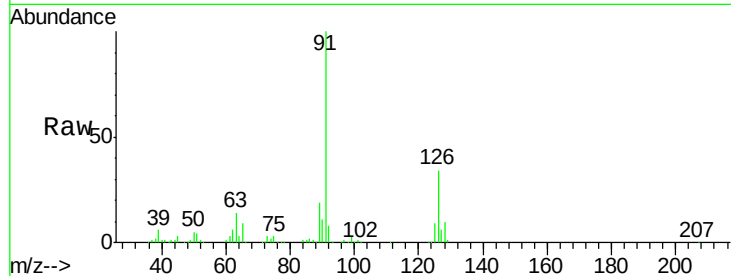
#79
 2-Chlorotoluene
 Concen: 18.684 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 99513
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.8 53.4

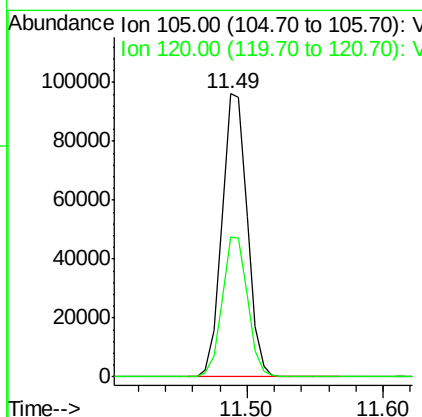
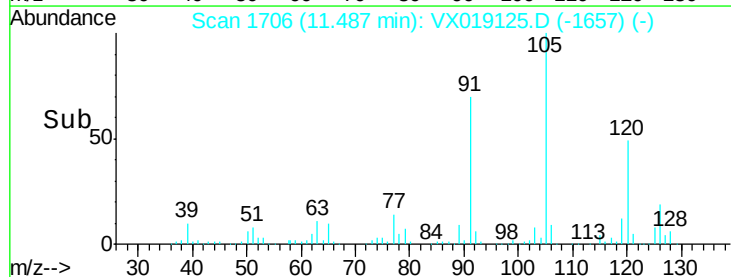
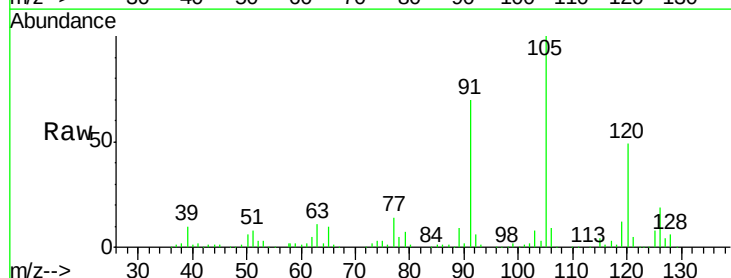
Manual Integrations
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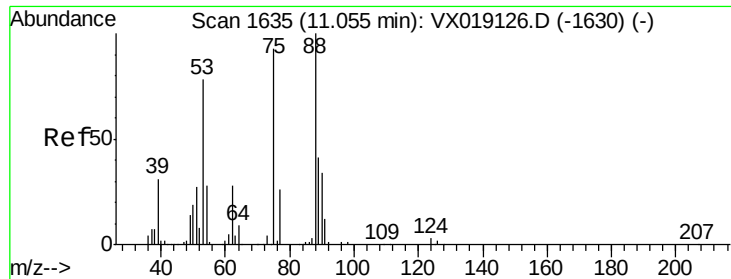
MMDadoda
 10/27/2020 6:55:27 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.875 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion: 105 Resp: 123759
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.8 74.4





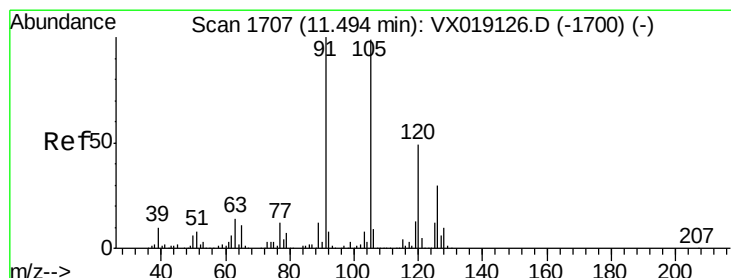
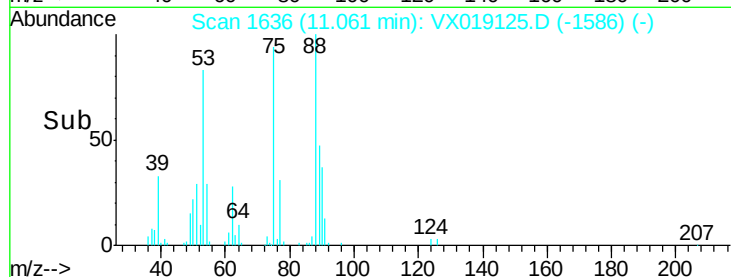
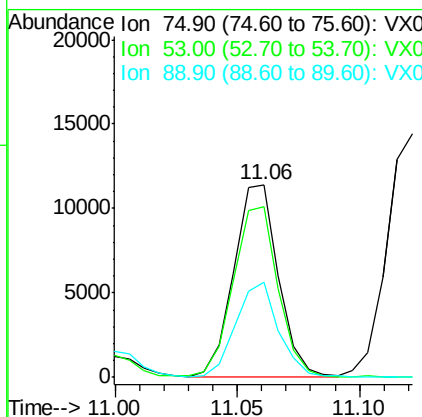
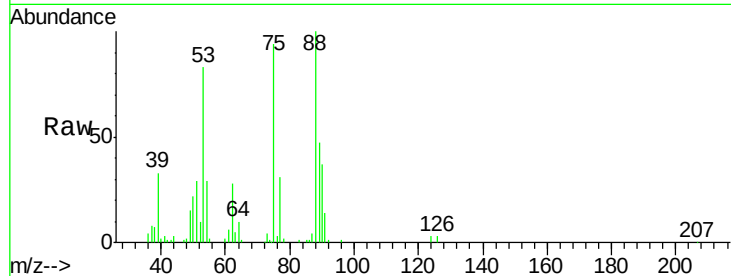
#81
trans-1,4-Dichloro-2-butene
Concen: 19.095 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.2	67.6	101.4
89	47.6	38.0	57.0

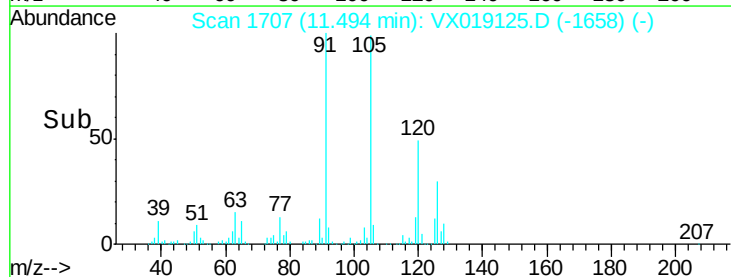
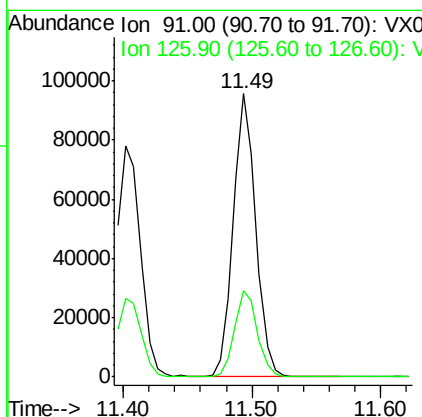
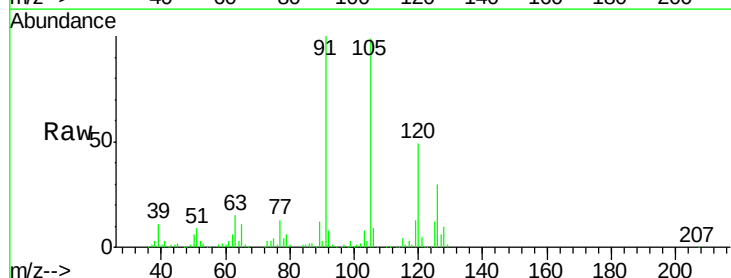
Manual Integrations
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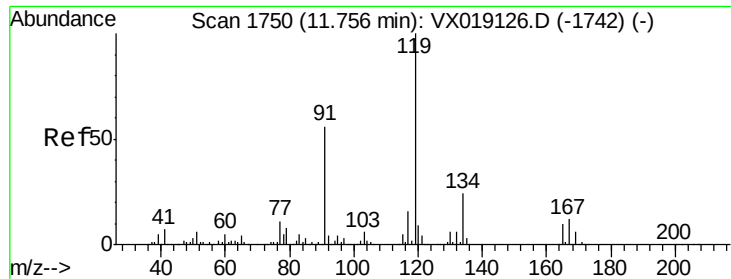
MMDadoda
10/27/2020 6:55:27 PM



#82
4-Chlorotoluene
Concen: 18.713 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





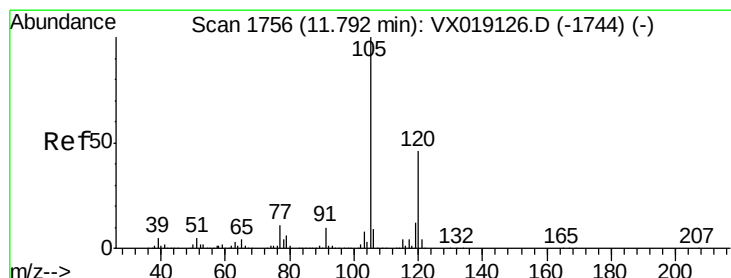
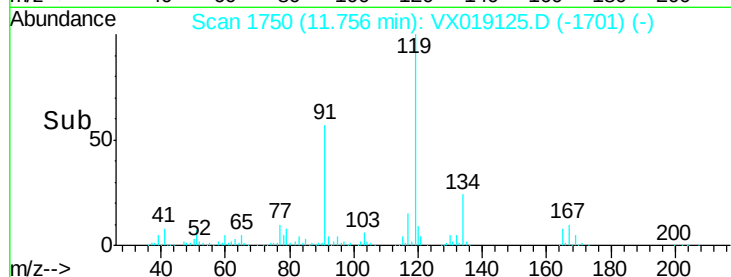
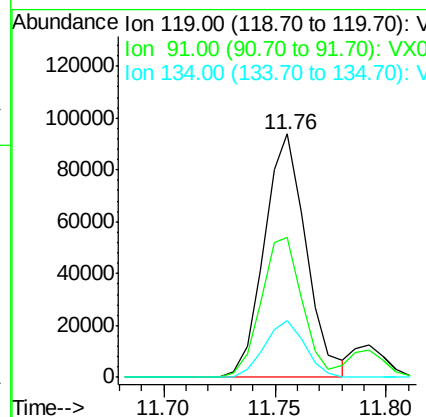
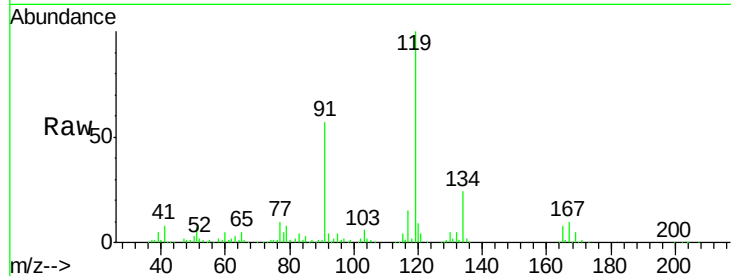
#83
 tert-Butylbenzene
 Concen: 19.007 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	122661		
91	56.5	27.9	83.6	
134	22.6	11.9	35.5	

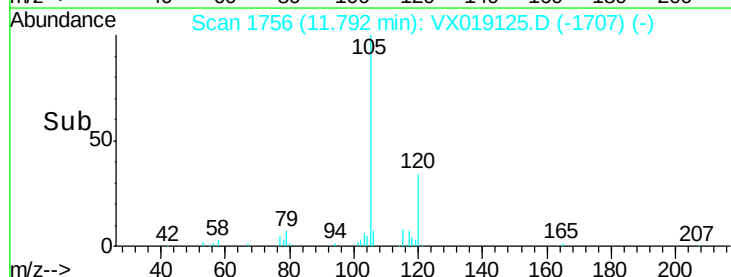
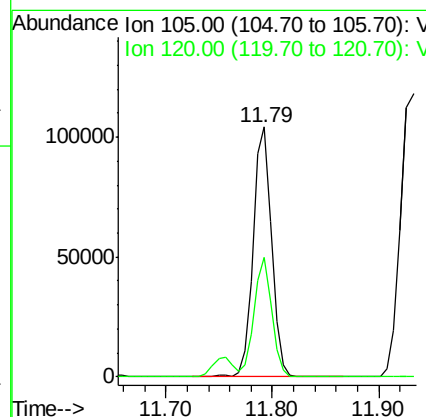
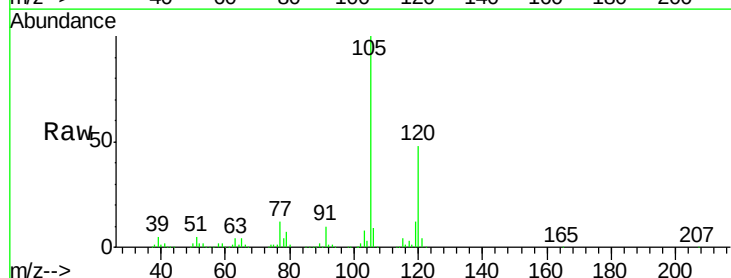
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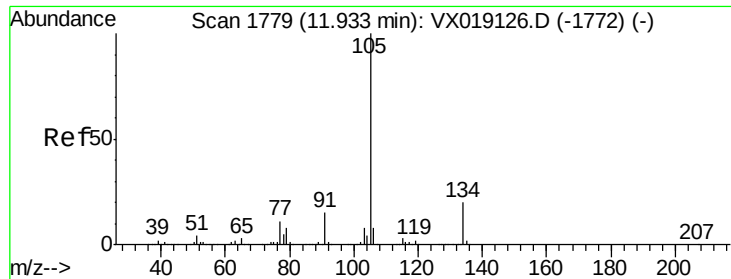
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.079 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126823		
120	45.9	22.9	68.5	





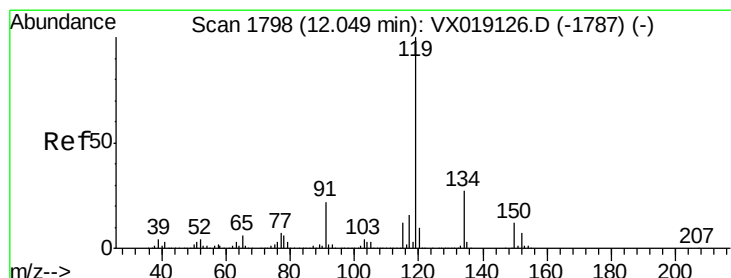
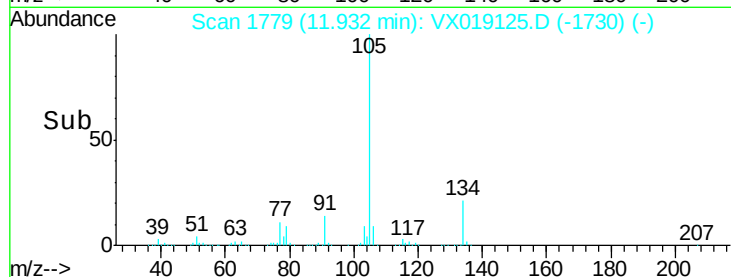
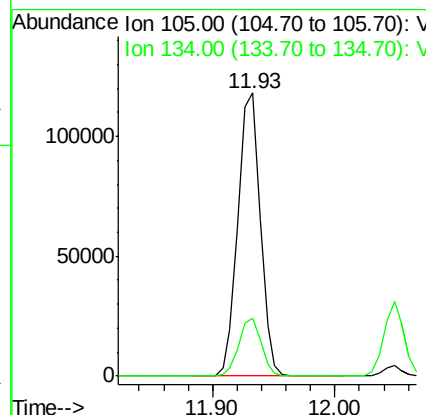
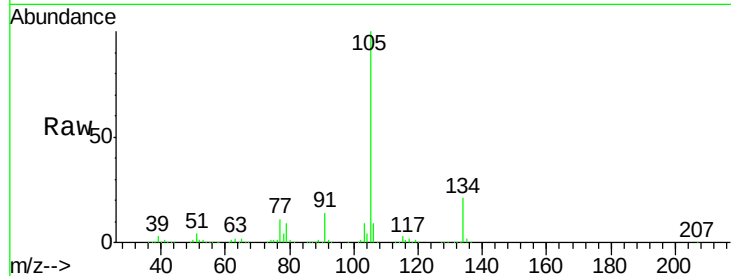
#85
 sec-Butylbenzene
 Concen: 19.189 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	148754		
134	20.3	10.2	30.4	

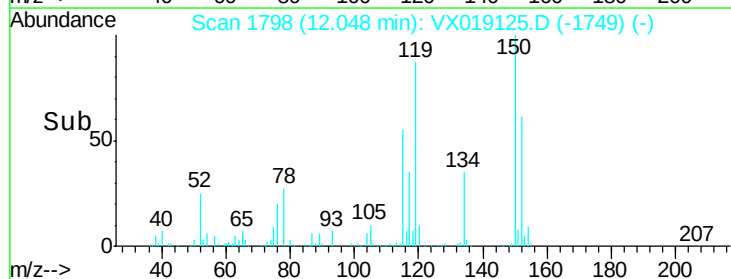
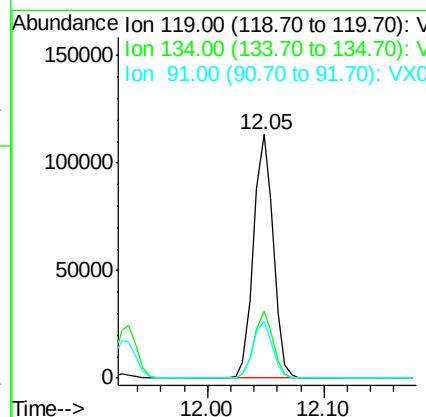
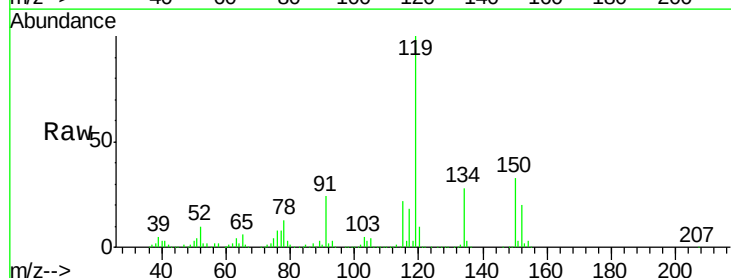
Manual Integrations
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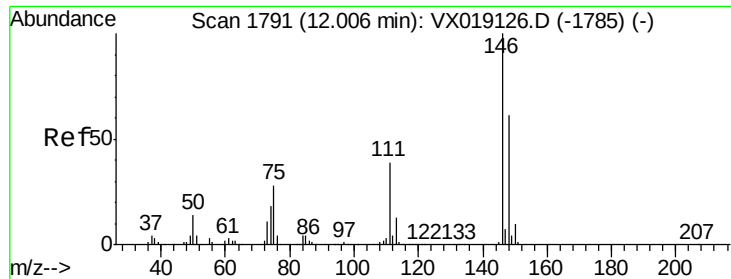
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#86
 p-Isopropyltoluene
 Concen: 19.098 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	134861		
134	26.7	13.4	40.1	
91	23.3	11.5	34.5	





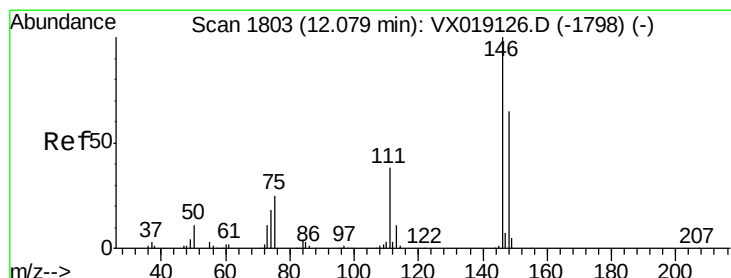
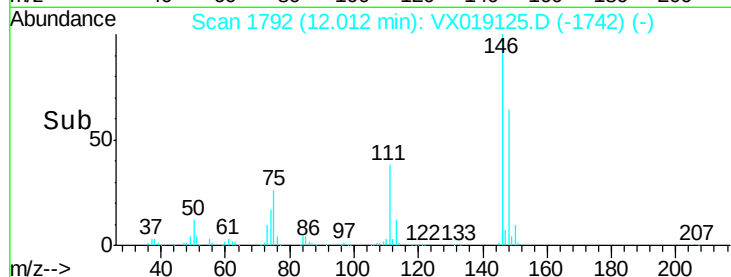
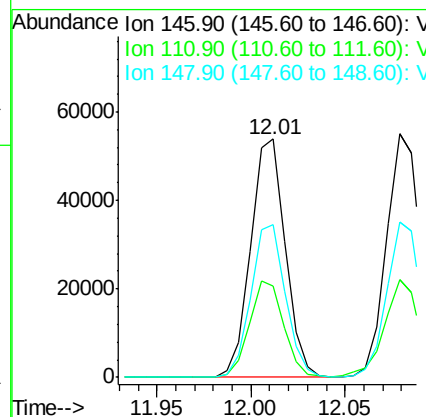
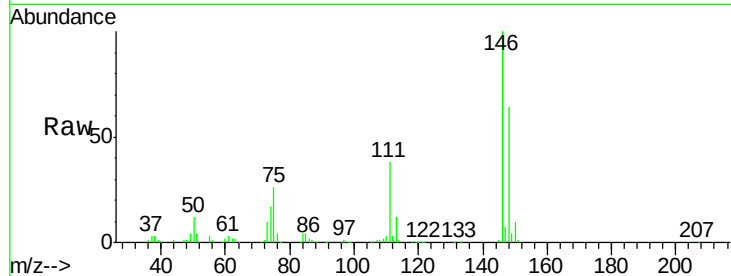
#87
 1,3-Dichlorobenzene
 Concen: 18.473 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.5	58.5
148	64.1	31.9	95.5

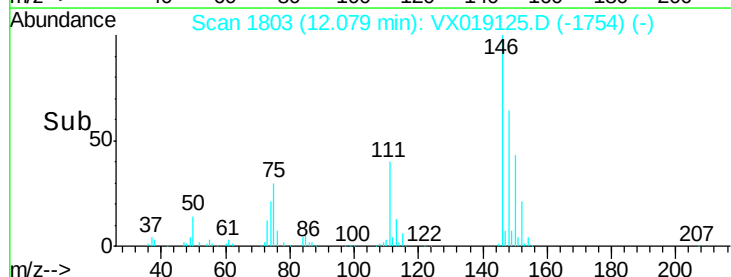
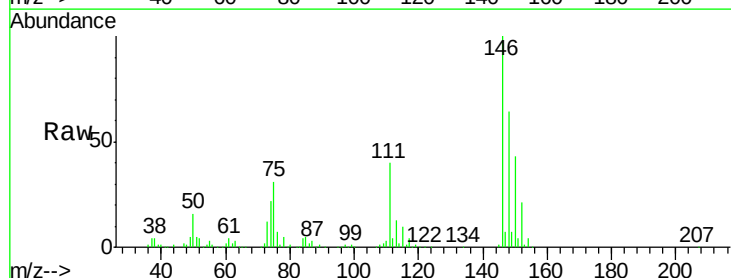
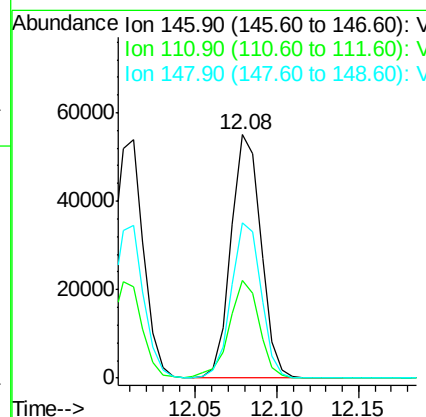
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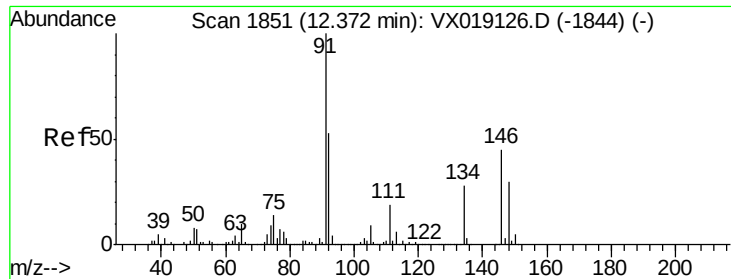
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 10/27/2020 6:55:27 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.435 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.4	58.1
148	63.8	32.5	97.4





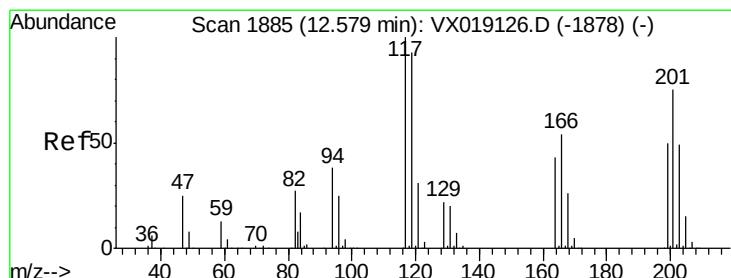
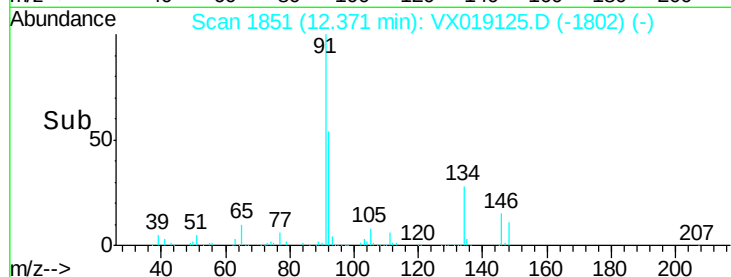
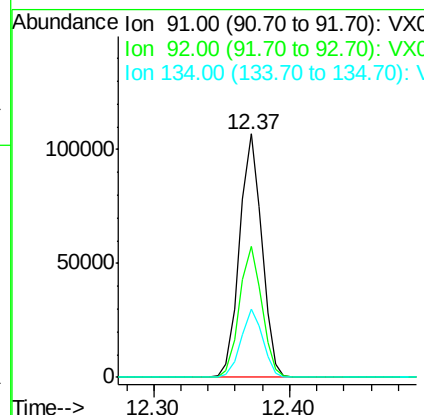
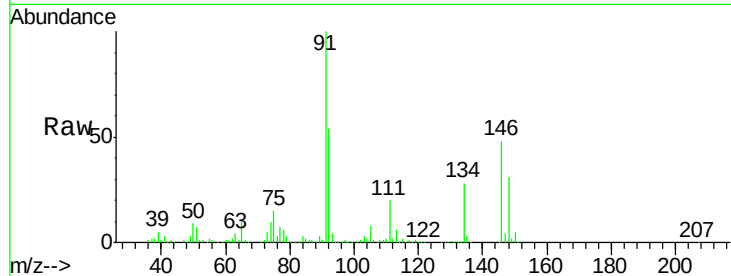
#89
n-Butylbenzene
Concen: 18.858 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	122051		
92	53.9		26.8	80.4
134	27.4		13.8	41.4

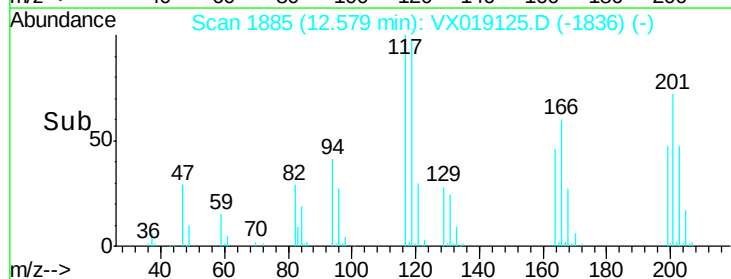
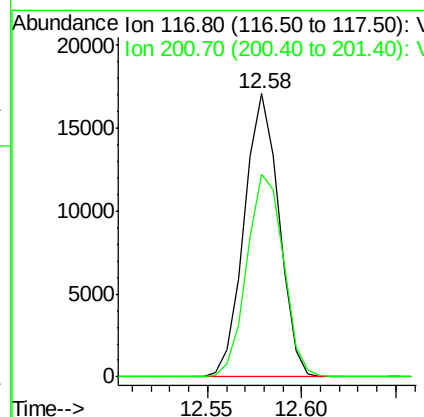
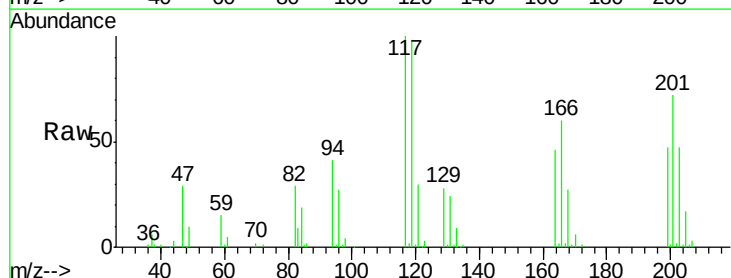
Manual Integrations
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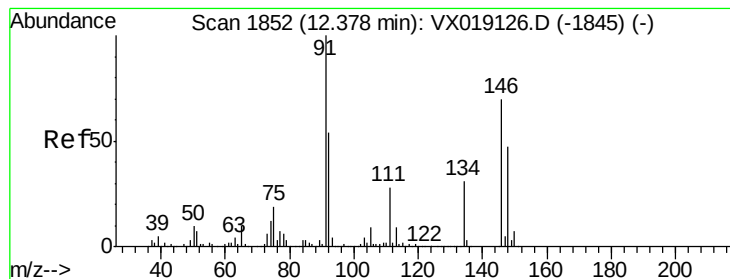
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#90
Hexachloroethane
Concen: 19.362 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	21913		
201	75.2		39.1	117.2





#91

1,2-Dichlorobenzene

Concen: 18.817 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Instrument :

MSVOA_X

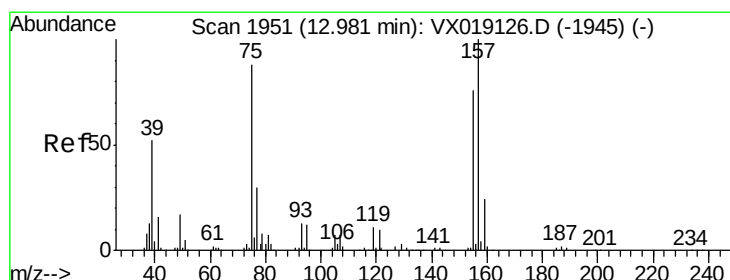
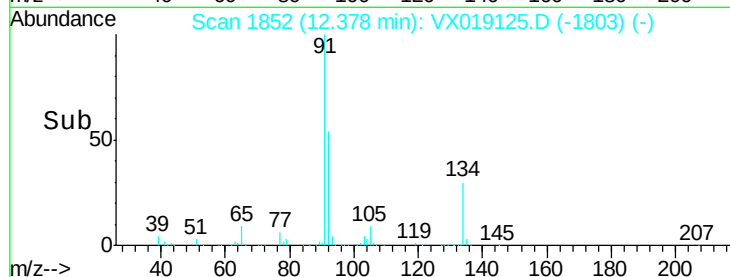
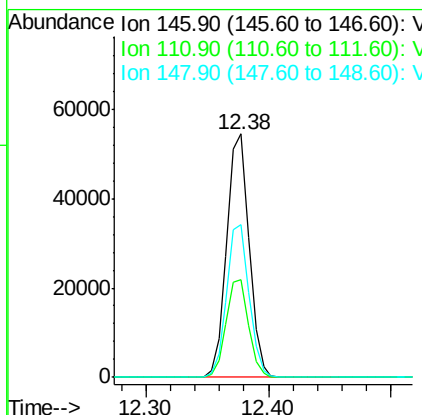
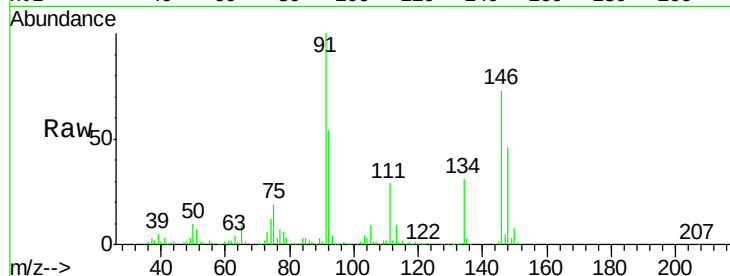
ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	68959
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.4	61.3
148	62.8	32.8	98.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.436 ug/l

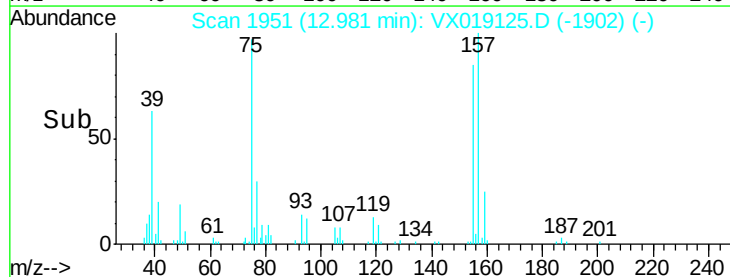
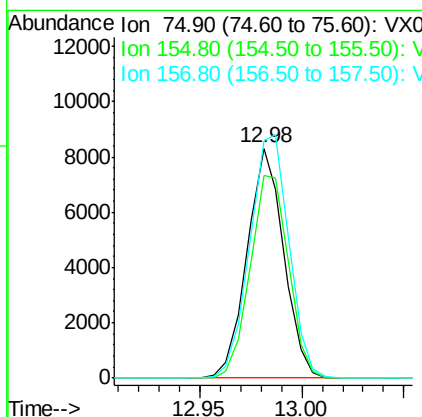
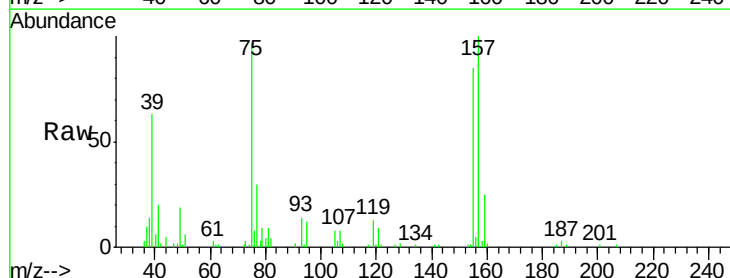
RT: 12.98 min Scan# 1951

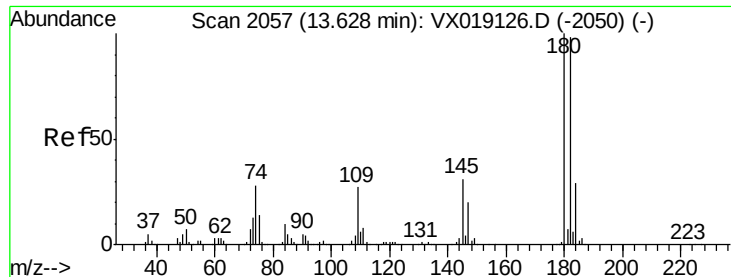
Delta R.T. -0.00 min

Lab File: VX019125.D

Acq: 26 Oct 2020 18:09

Tgt Ion:	75	Resp:	10368
Ion Ratio	Lower	Upper	
75	100		
155	92.0	47.1	141.4
157	113.9	60.1	180.2





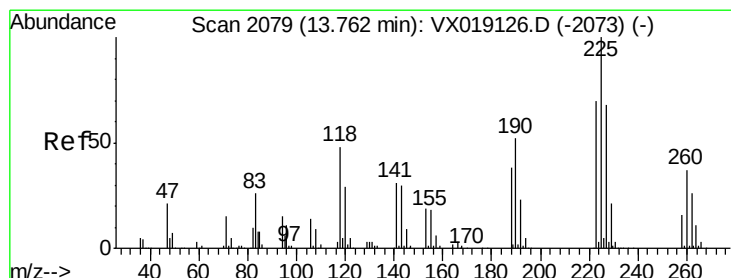
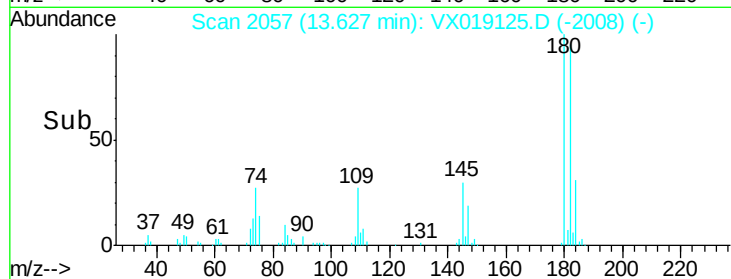
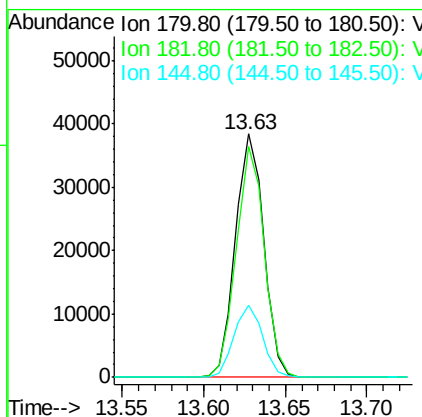
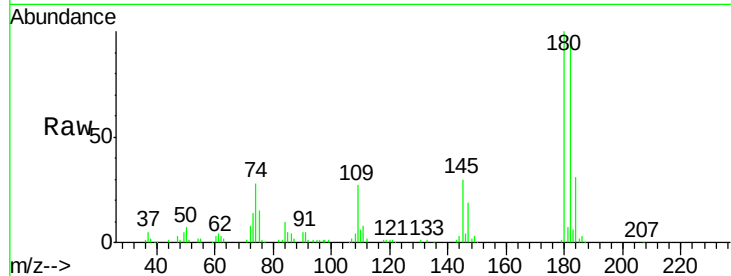
#93
 1,2,4-Trichlorobenzene
 Concen: 18.649 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	46638		
182	93.9		47.8	143.4
145	29.8		15.0	45.1

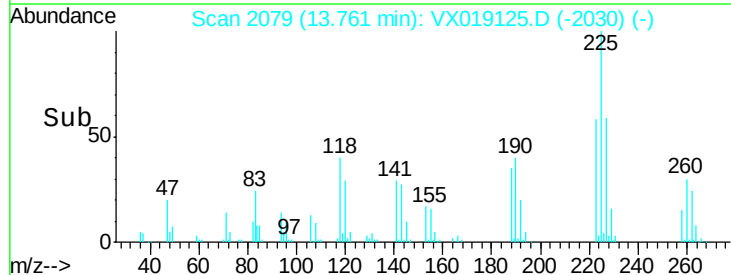
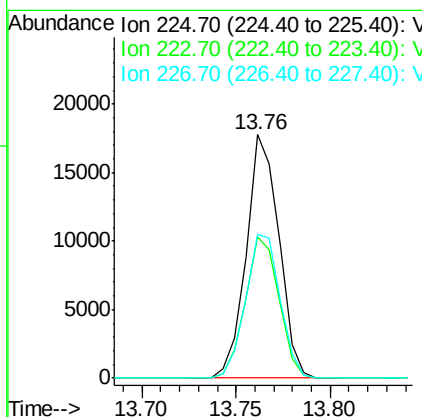
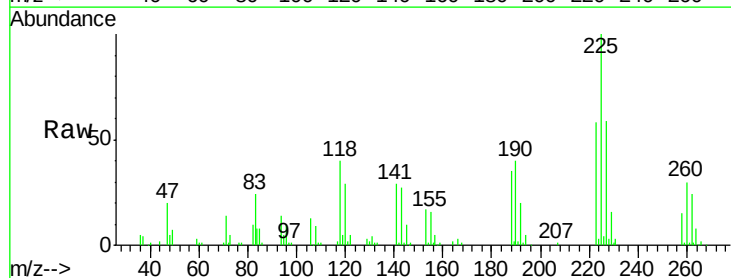
Manual Integrations
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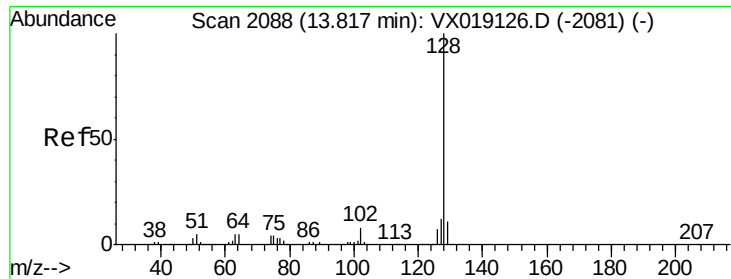
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#94
 Hexachlorobutadiene
 Concen: 18.850 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019125.D
 Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	21321		
223	59.8		32.1	96.5
227	62.5		32.0	96.0





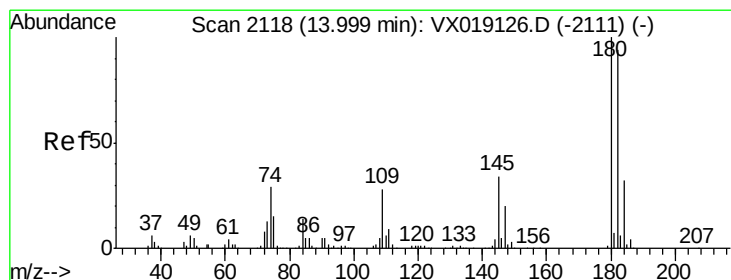
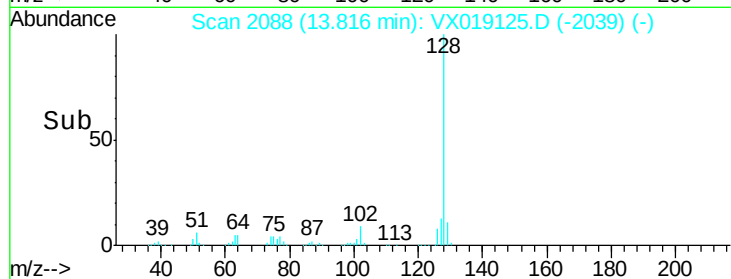
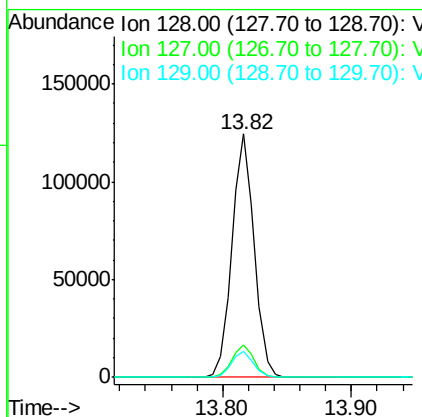
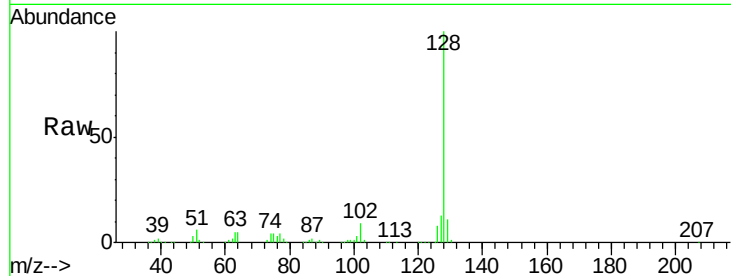
#95
Naphthalene
Concen: 19.178 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/27/2020 6:55:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.540 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019125.D
Acq: 26 Oct 2020 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.6	142.9
145	31.6	15.9	47.7

