

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077827.D
 Acq On : 11 Dec 2023 22:25
 Operator : JC/SY
 Sample : 05740-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24328

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Title : SW846 8260

Signal : TIC: VD077827.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	20	27	37	rVB	560283	973707	100.00%	16.853%
2	2.258	108	114	118	rBV4	5789	10483	1.08%	0.181%
3	4.805	539	547	558	rVB4	15254	44628	4.58%	0.772%
4	7.063	927	931	943	rVB3	4918	12051	1.24%	0.209%
5	7.810	1048	1058	1064	rBV2	124273	311061	31.95%	5.384%
6	7.881	1064	1070	1079	rVB	137763	317067	32.56%	5.488%
7	8.234	1120	1130	1141	rVB	106296	233693	24.00%	4.045%
8	8.781	1214	1223	1238	rBV	292998	601070	61.73%	10.403%
9	10.269	1468	1476	1484	rBV	393405	703684	72.27%	12.180%
10	11.581	1691	1699	1710	rBV	277530	497594	51.10%	8.612%
11	11.799	1730	1736	1739	rBV5	8403	16841	1.73%	0.291%
12	12.122	1780	1791	1795	rBV7	13061	39199	4.03%	0.678%
13	12.257	1809	1814	1817	rBV5	10299	16904	1.74%	0.293%
14	12.346	1824	1829	1832	rBV5	8359	13626	1.40%	0.236%
15	12.428	1839	1843	1849	rBV	34285	53095	5.45%	0.919%
16	12.575	1862	1868	1875	rBV2	140352	226544	23.27%	3.921%
17	12.746	1893	1897	1903	rVB8	10640	18383	1.89%	0.318%
18	12.828	1903	1911	1914	rBV6	18607	38710	3.98%	0.670%
19	12.904	1918	1924	1930	rVV4	36933	71611	7.35%	1.239%
20	12.957	1930	1933	1937	rVB6	7816	10369	1.06%	0.179%
21	13.004	1937	1941	1943	rBV4	7744	10464	1.07%	0.181%
22	13.134	1960	1963	1971	rVB6	14258	31584	3.24%	0.547%
23	13.216	1971	1977	1982	rBV5	14122	29357	3.01%	0.508%
24	13.275	1982	1987	1993	rVB3	18974	38542	3.96%	0.667%
25	13.345	1995	1999	2001	rBV5	9088	10578	1.09%	0.183%
26	13.398	2003	2008	2010	rBV5	18801	33683	3.46%	0.583%
27	13.516	2023	2028	2038	rVB2	72592	149568	15.36%	2.589%
28	13.716	2056	2062	2066	rBV2	16840	32490	3.34%	0.562%
29	13.757	2066	2069	2074	rVV3	16061	20495	2.10%	0.355%
30	13.845	2078	2084	2089	rBV3	59135	101507	10.42%	1.757%
31	14.057	2116	2120	2127	rVB6	21696	44182	4.54%	0.765%
32	14.169	2135	2139	2144	rBV4	35867	59324	6.09%	1.027%
33	14.222	2144	2148	2157	rVV10	25028	57587	5.91%	0.997%
34	14.293	2157	2160	2165	rBV6	17756	31199	3.20%	0.540%
35	14.351	2165	2170	2171	rBV4	41576	54552	5.60%	0.944%
36	14.381	2173	2175	2181	rVB2	40304	57008	5.85%	0.987%

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ClientSampleId :
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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	14.481	2187	2192	2195	rBV4	29642	61532	6.32%	1.065%
38	14.516	2195	2198	2202	rVB4	30204	45653	4.69%	0.790%
39	14.704	2226	2230	2235	rVB7	18050	29844	3.06%	0.517%
40	14.769	2235	2241	2246	rBV6	33944	80169	8.23%	1.388%
41	14.822	2247	2250	2256	rVB7	28506	47304	4.86%	0.819%
42	14.928	2264	2268	2272	rBV4	23328	44755	4.60%	0.775%
43	14.969	2272	2275	2282	rVV5	29328	45524	4.68%	0.788%
44	15.040	2283	2287	2291	rVB4	33700	50168	5.15%	0.868%
45	15.098	2294	2297	2300	rVV3	15020	20813	2.14%	0.360%
46	15.134	2300	2303	2310	rVB9	18958	35184	3.61%	0.609%
47	15.381	2340	2345	2351	rBV7	31243	78033	8.01%	1.351%
48	15.834	2418	2422	2427	rBV8	27544	44168	4.54%	0.764%
49	16.145	2470	2475	2480	rVB9	24101	43663	4.48%	0.756%
50	16.339	2503	2508	2513	rBV4	27137	54732	5.62%	0.947%
51	16.592	2547	2551	2566	rVB4	39637	123627	12.70%	2.140%

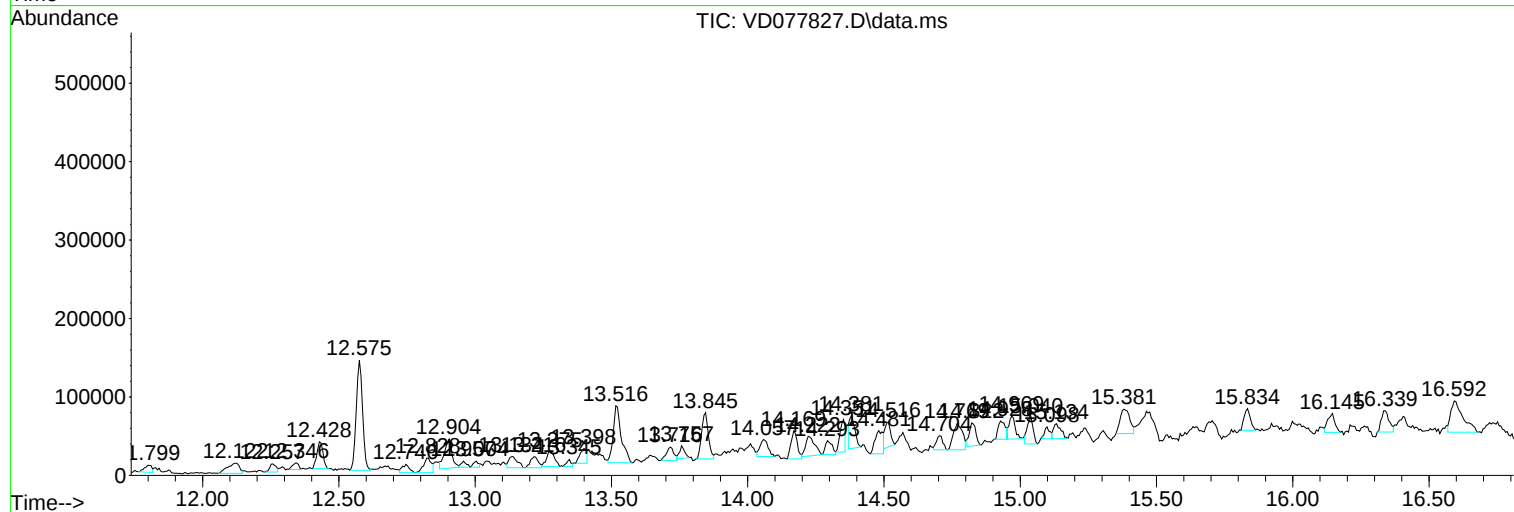
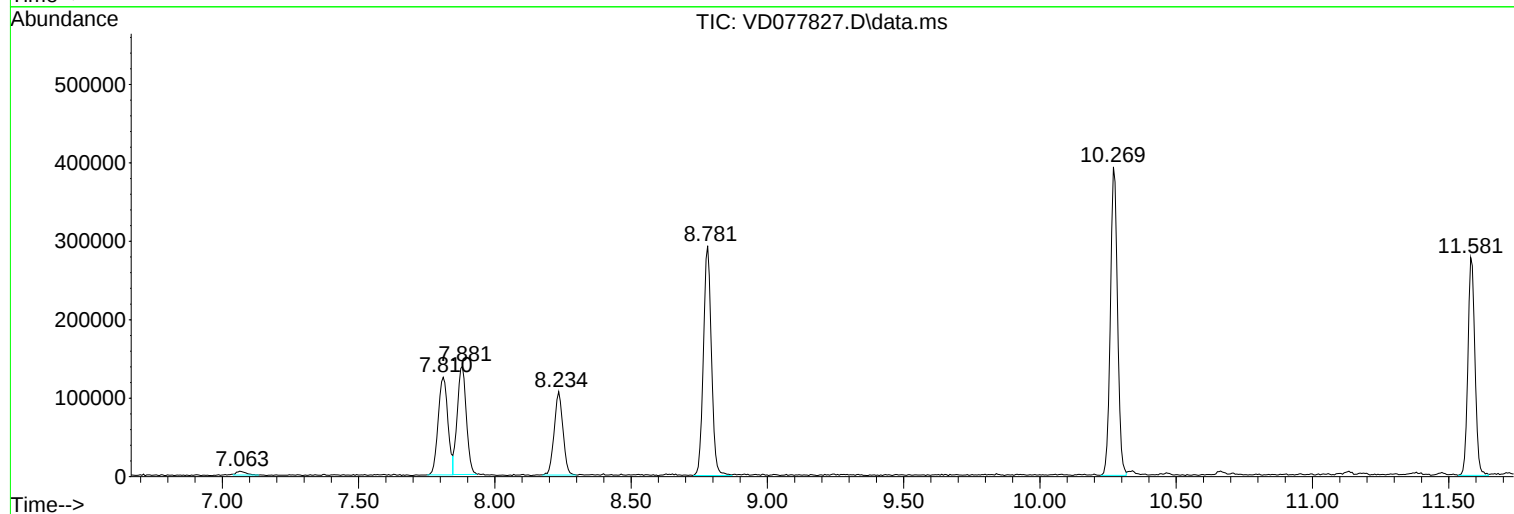
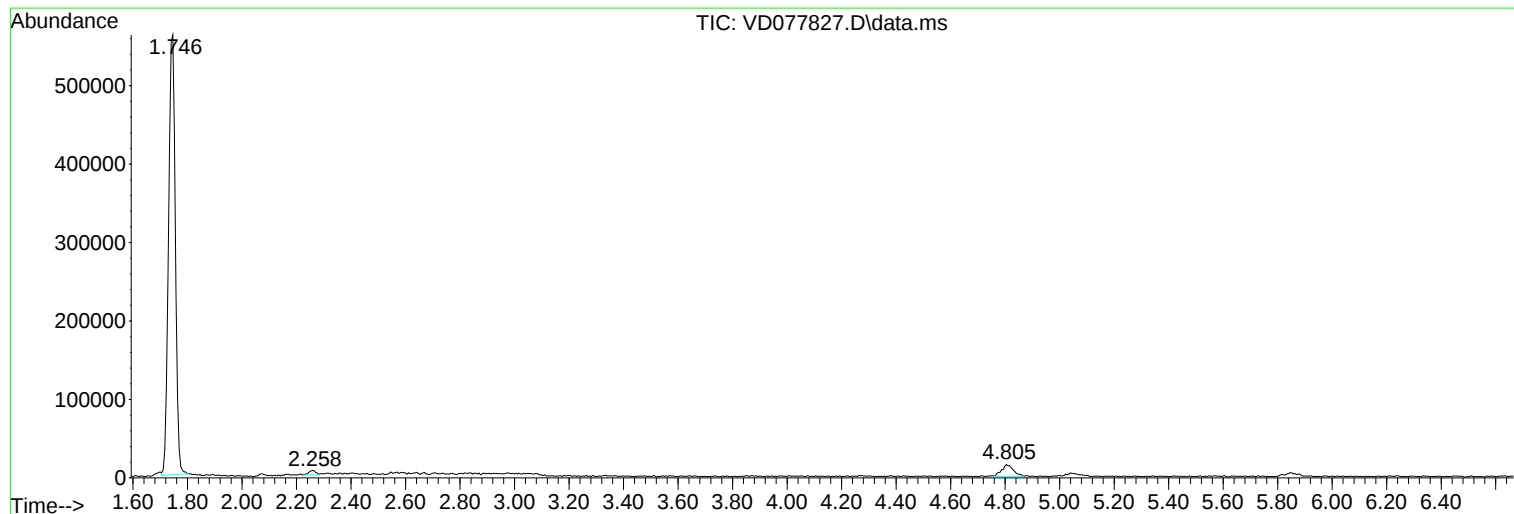
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
CHRT-24328

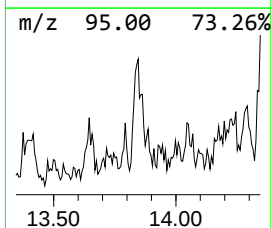
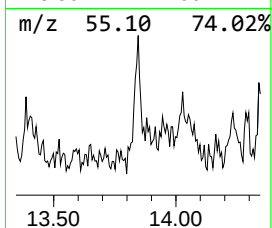
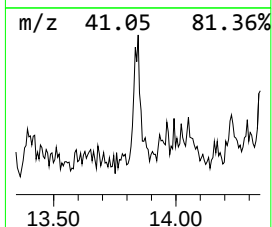
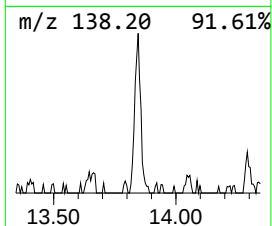
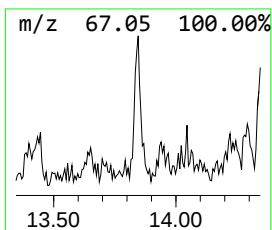
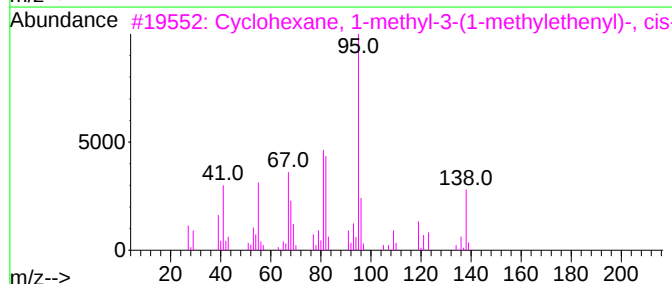
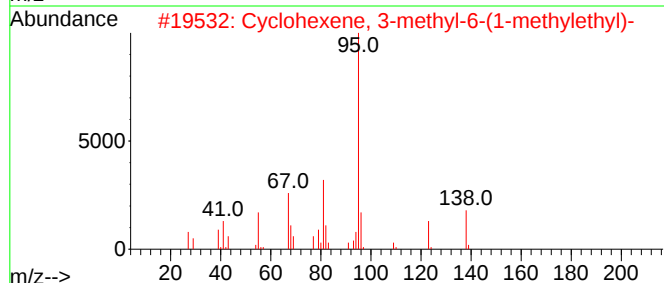
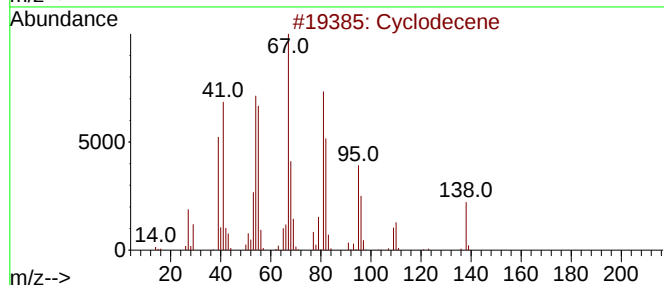
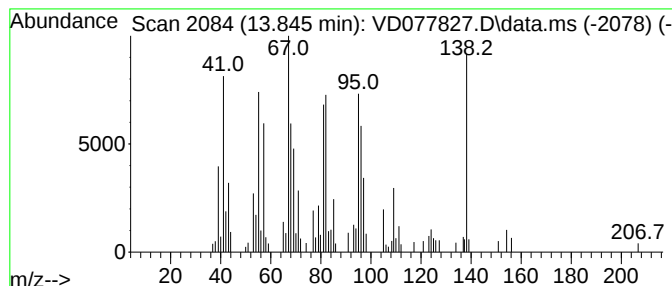
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclodecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	33.93 ug/l	101507	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecene	138	C10H18	003618-12-0	87
2			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	70
3			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	64
4			Cyclohexanone, 3-vinyl-3-methyl-	138	C9H14O	068269-56-7	64
5			Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	58



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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24328

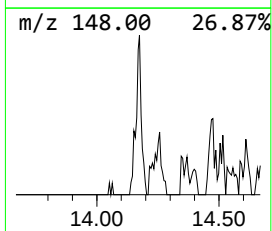
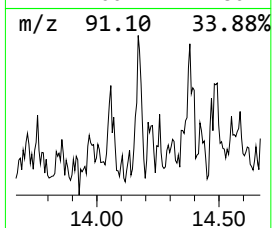
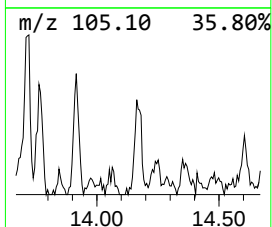
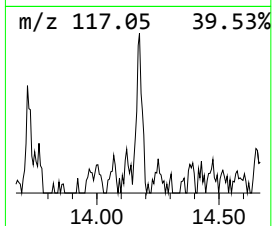
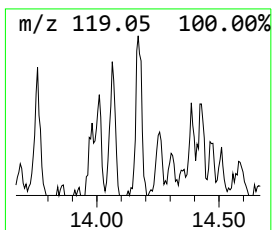
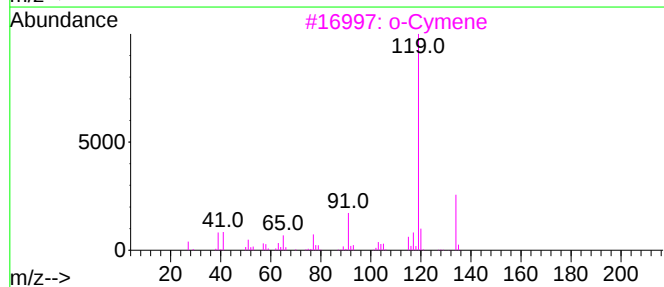
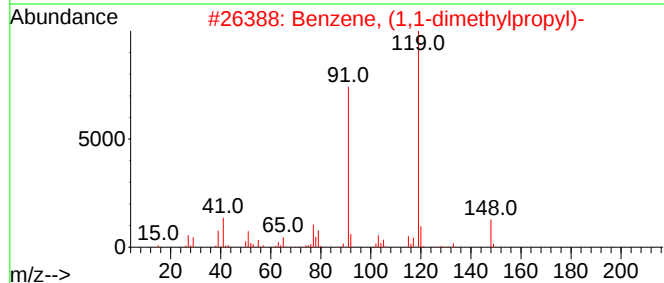
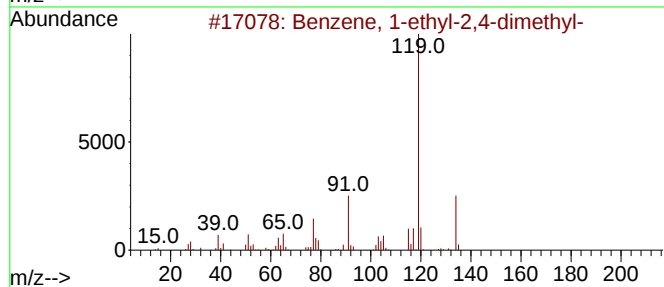
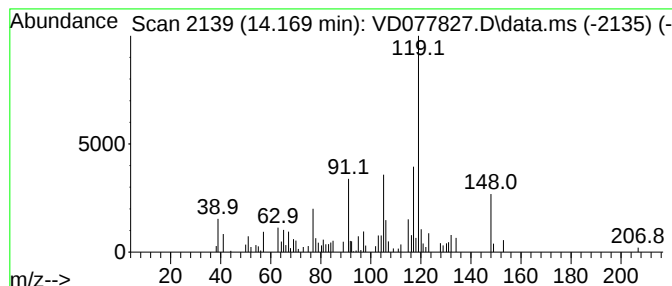
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown14.169 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	19.83 ug/l	59324	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
3			o-Cymene	134	C10H14	000527-84-4	43
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
5			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077827.D
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Sample : 05740-01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24328

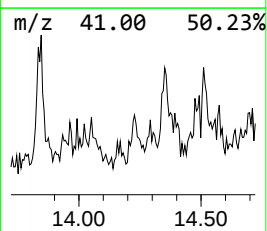
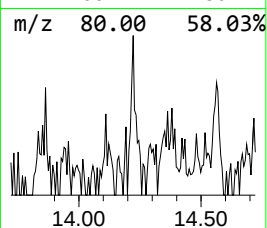
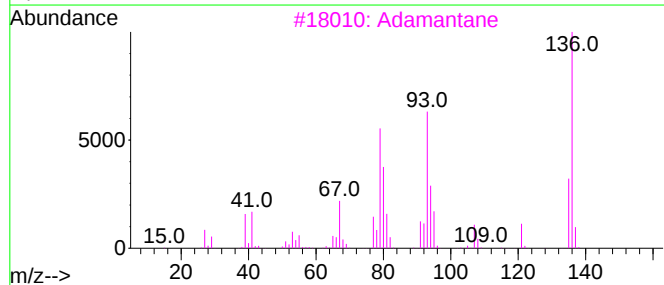
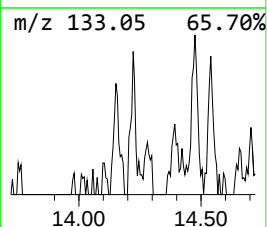
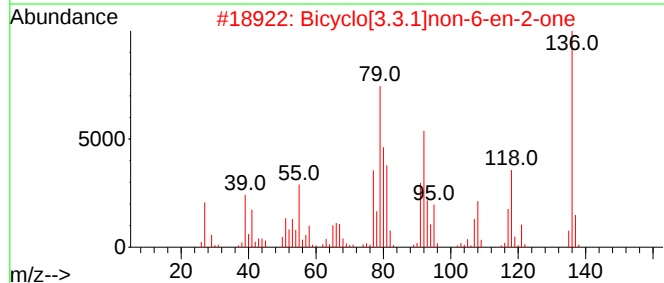
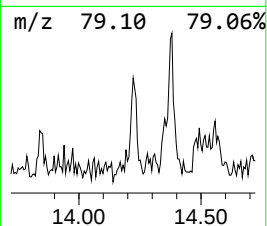
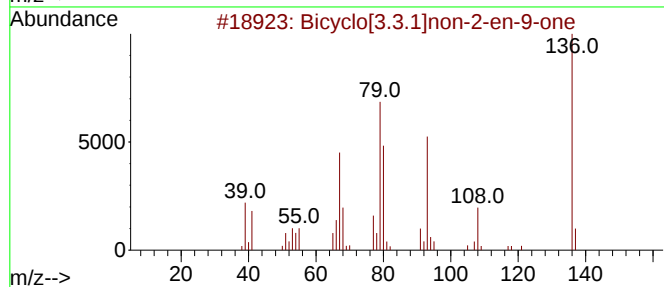
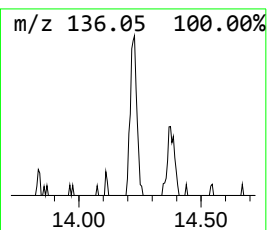
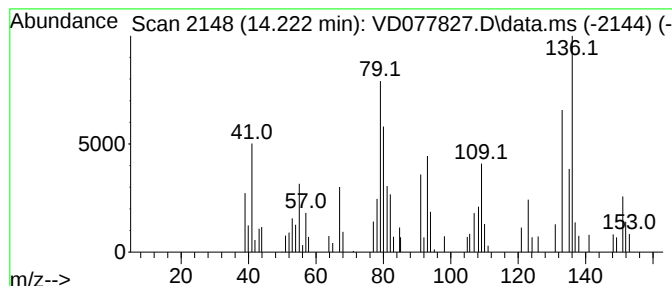
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown14.222 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.222	19.25 ug/l	57587	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	49
2			Bicyclo[3.3.1]non-6-en-2-one	136	C9H12O	022482-58-2	46
3			Adamantane	136	C10H16	000281-23-2	35
4			Bicyclo[3.3.0]oct-2-en-6-one, 3-...	136	C9H12O	1000155-37-0	27
5			2,3-Diethylpyrazine	136	C8H12N2	015707-24-1	22



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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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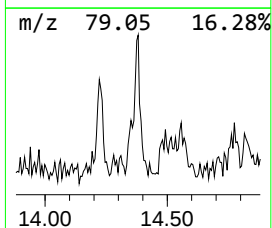
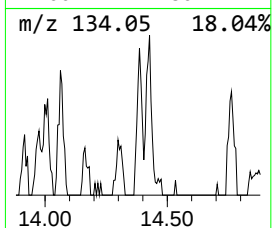
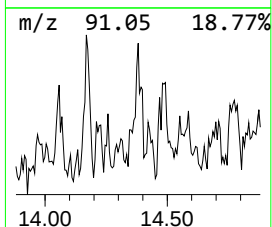
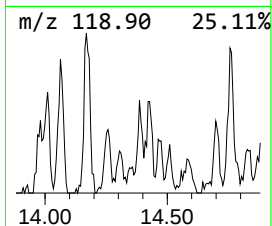
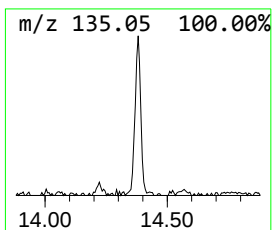
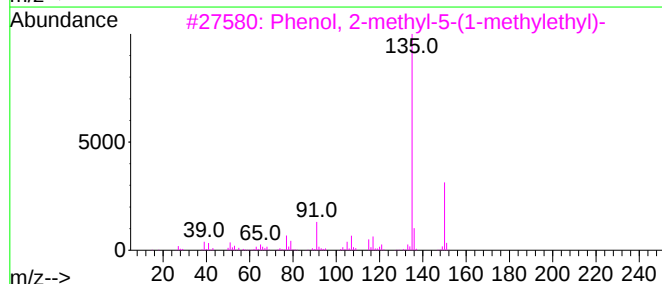
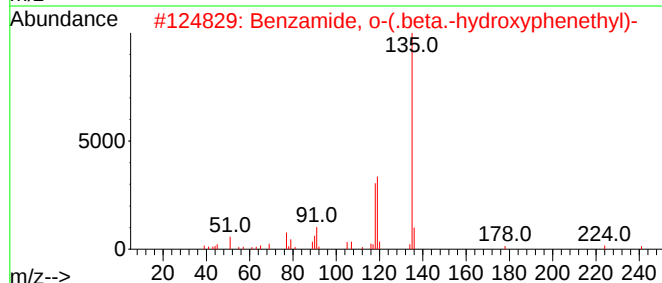
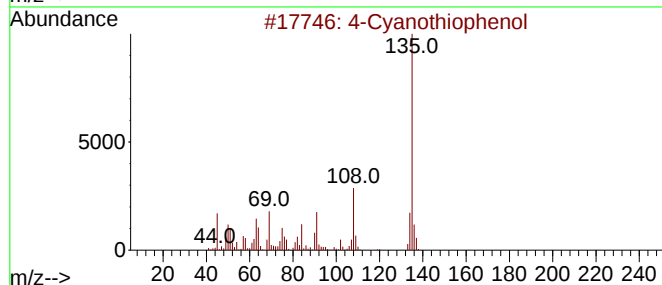
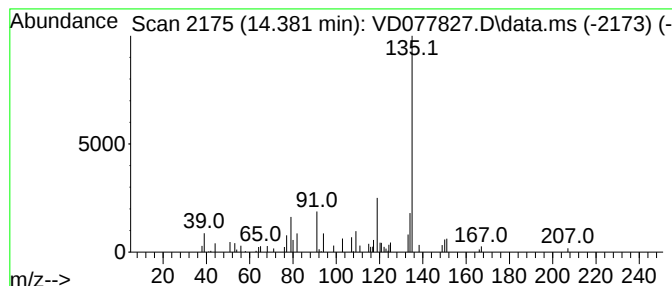
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4-Cyanothiophenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.381	19.06 ug/l	57008	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Cyanothiophenol	135	C7H5NS	036801-01-1	50
2			Benzamide, o-(.beta.-hydroxyphen...	241	C15H15NO2	023966-60-1	50
3			Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	47
4			2-Aminopurine	135	C5H5N5	000452-06-2	47
5			Phenol, 5-methyl-2-(1-methylethy...	192	C12H16O2	000528-79-0	47



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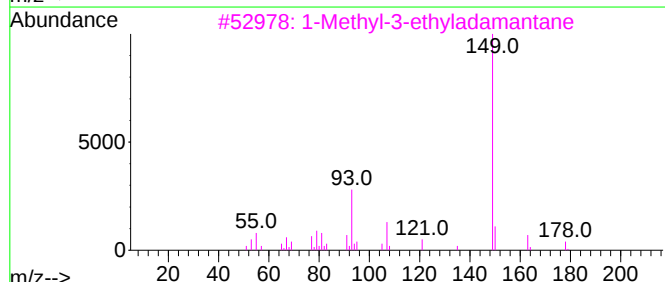
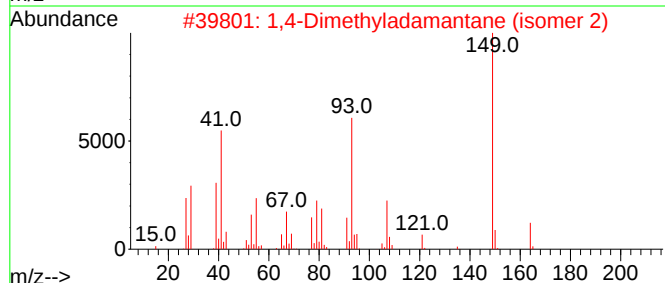
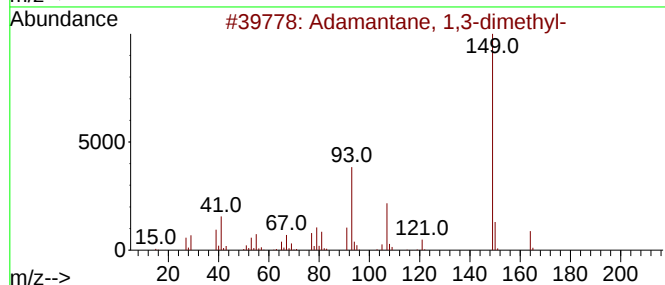
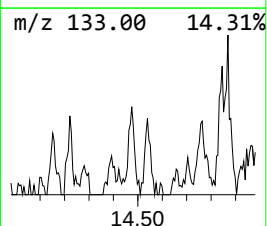
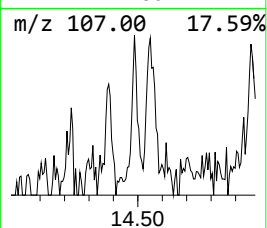
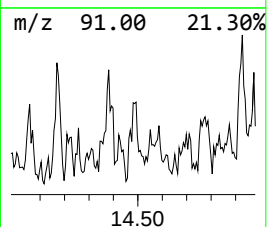
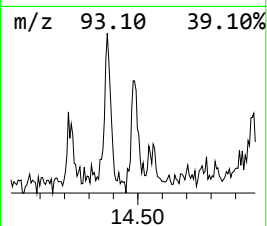
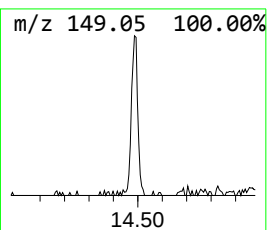
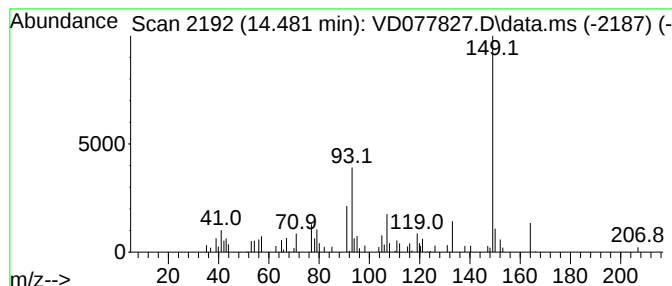
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Adamantane, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	20.57 ug/l	61532	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	87
2			1,4-Dimethyladamantane (isomer 2)	164	C12H20	1000460-67-1	83
3			1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	72
4			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	72
5			Added stereo to name	164	C12H20	024145-89-9	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077827.D
Acq On : 11 Dec 2023 22:25
Operator : JC/SY
Sample : 05740-01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24328

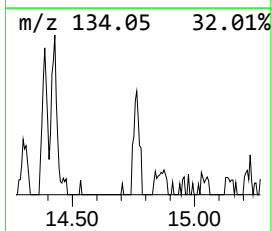
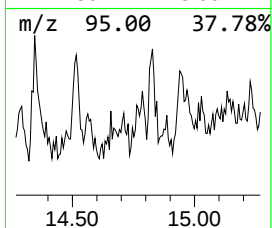
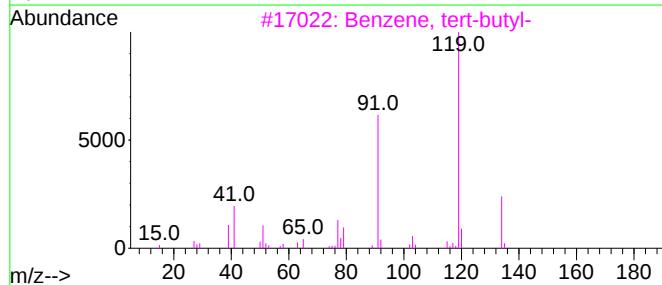
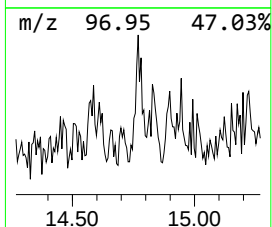
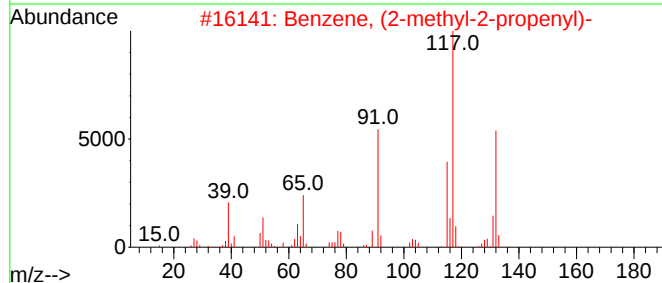
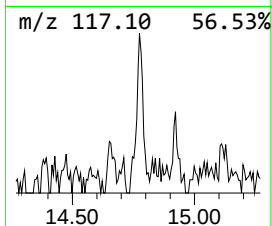
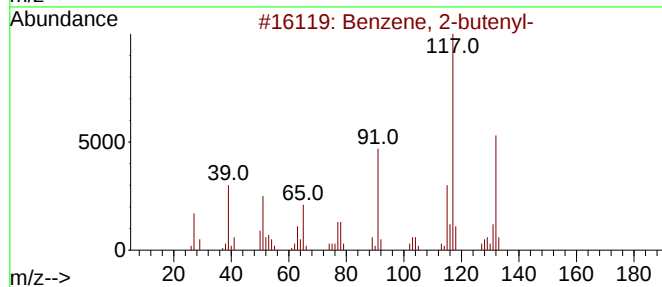
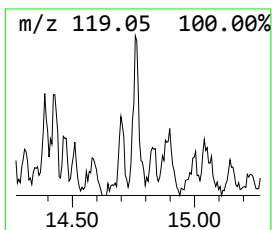
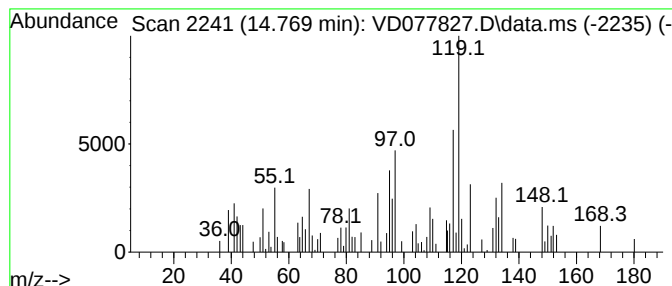
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown14.769 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.769	26.80 ug/l	80169	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-butenyl-	132	C10H12	001560-06-1	25
2			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	25
3			Benzene, tert-butyl-	134	C10H14	000098-06-6	25
4			3,5-Dimethylbenzylnonylamine	261	C18H31N	1010491-61-1	22
5			Pyrazine, 2-methyl-3-(1-propenyl-...	134	C8H10N2	055138-65-3	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077827.D
Acq On : 11 Dec 2023 22:25
Operator : JC/SY
Sample : 05740-01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24328

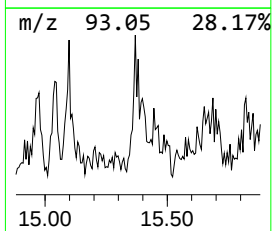
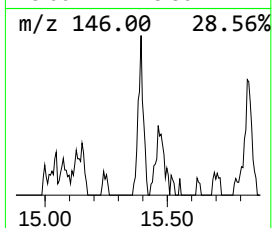
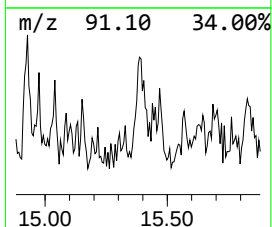
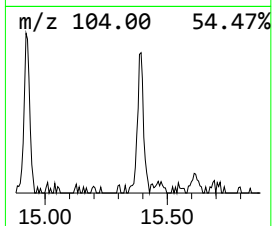
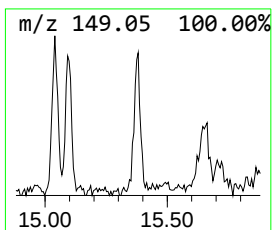
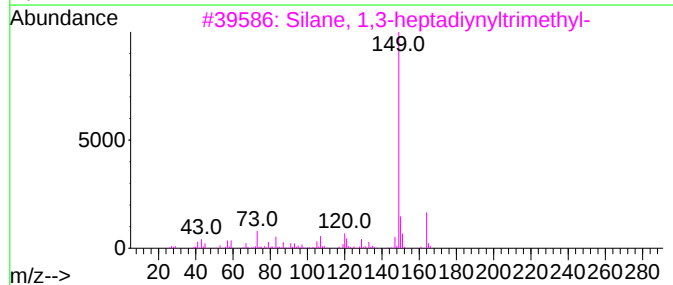
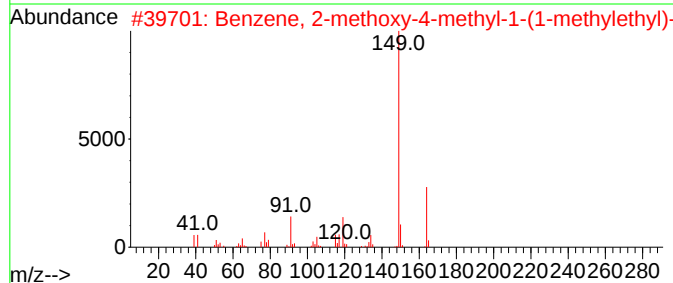
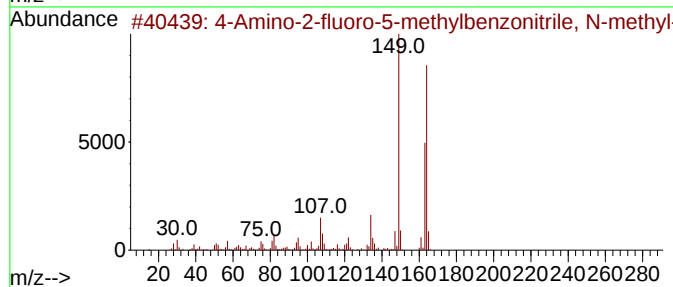
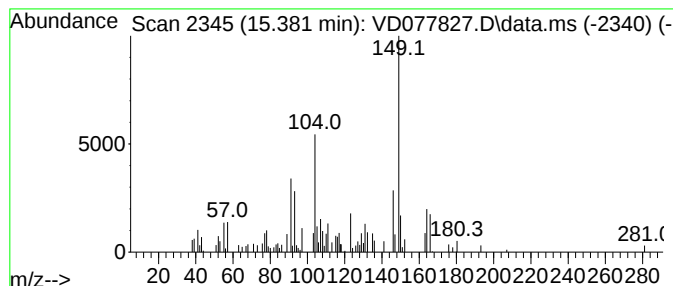
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown15.381 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.381	26.09 ug/l	78033	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Amino-2-fluoro-5-methylbenzoni...	164	C9H9FN2	1000511-36-9	43
2			Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	38
3			Silane, 1,3-heptadiynyltrimethyl-	164	C10H16Si	019024-47-6	38
4			Phthalic acid, 3-methoxybenzyl o...	398	C24H30O5	1000377-98-1	38
5			Furan-3-ylethynyltrimethylsilane	164	C9H12OSi	465521-19-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077827.D
Acq On : 11 Dec 2023 22:25
Operator : JC/SY
Sample : 05740-01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24328

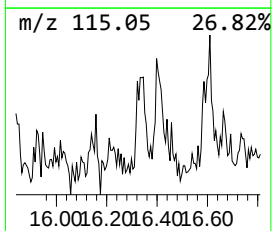
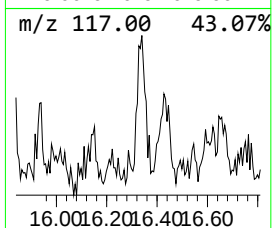
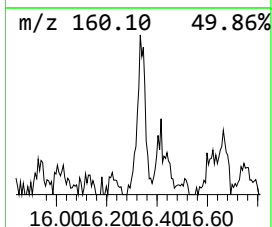
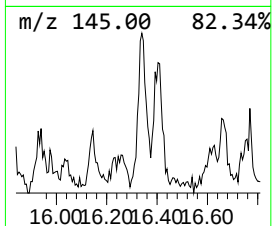
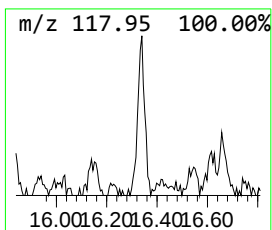
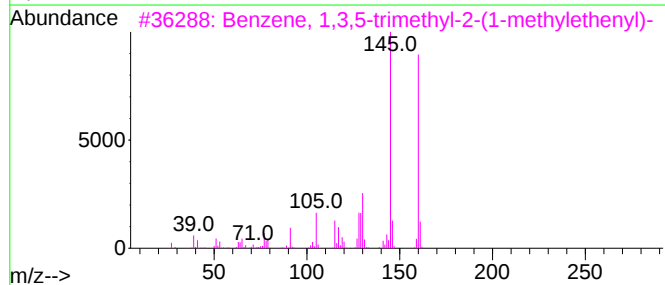
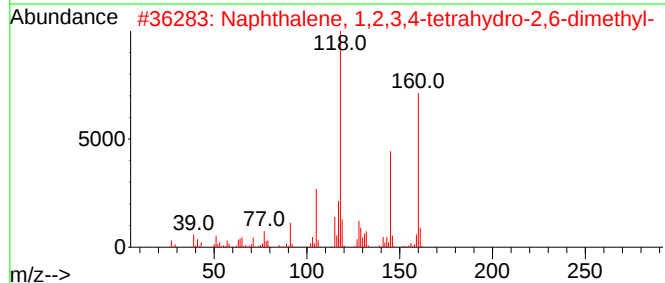
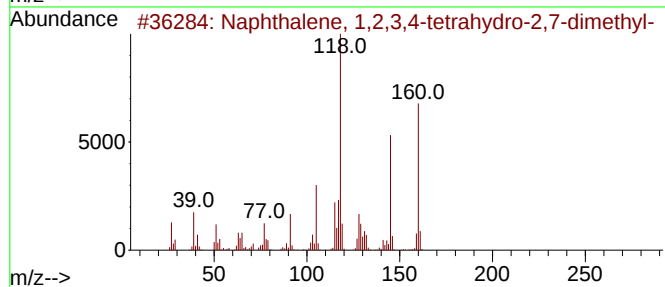
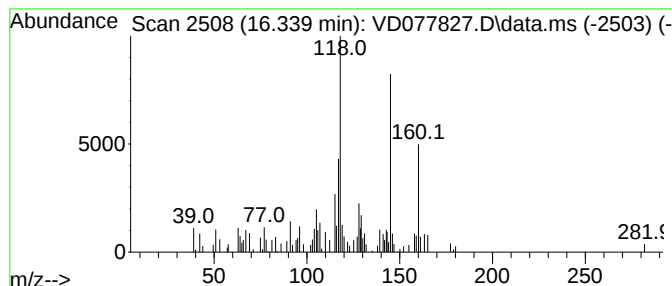
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	18.30 ug/l	54732	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
4			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	50
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077827.D
Acq On : 11 Dec 2023 22:25
Operator : JC/SY
Sample : 05740-01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24328

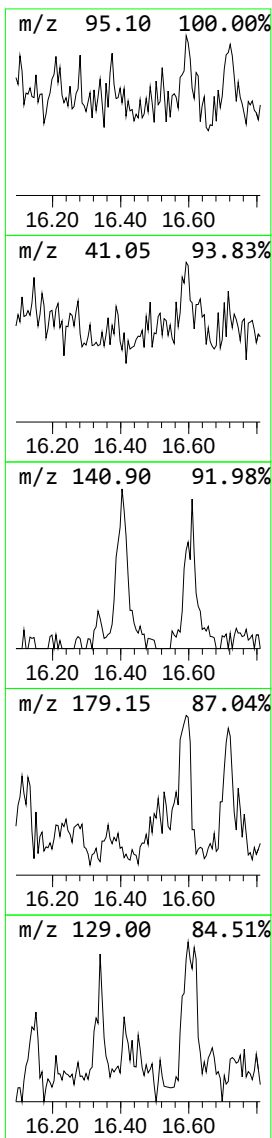
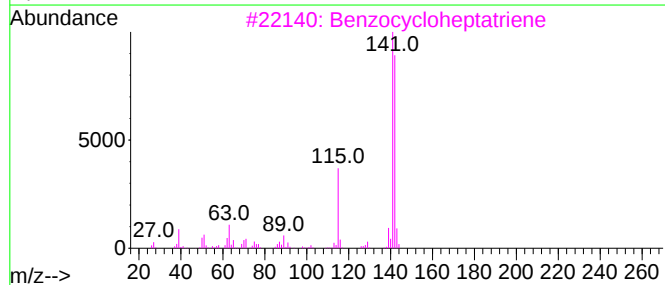
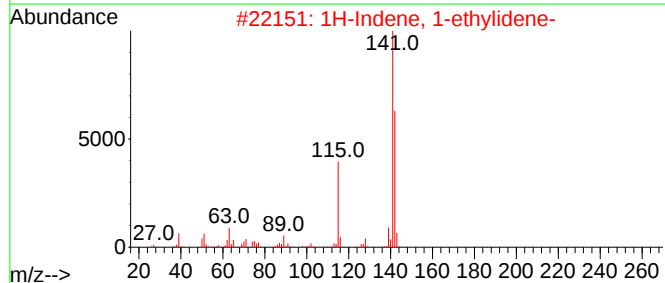
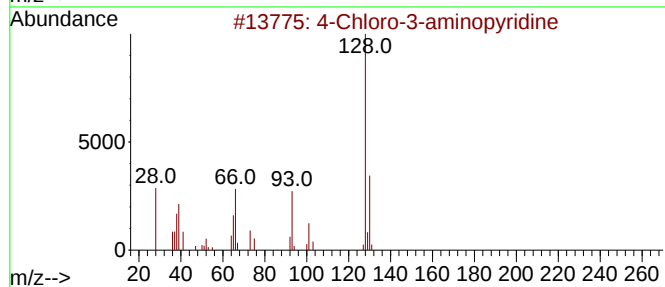
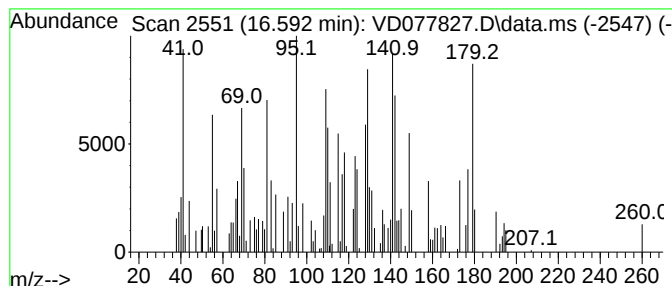
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown16.592 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.592	41.33 ug/l	123627	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-3-aminopyridine	128	C5H5ClN2	020511-15-3	15
2			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	11
3			Benzocycloheptatriene	142	C11H10	000264-09-5	11
4			Benzene, 1-fluoro-4-nitro-	141	C6H4FN02	000350-46-9	10
5			2-Aminoimidazole-4-carboxylic ac...	141	C5H7N3O2	1000129-59-6	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
Data File : VD077827.D
Acq On : 11 Dec 2023 22:25
Operator : JC/SY
Sample : 05740-01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-24328

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclodecene	13.845	33.9	ug/l	101507	4	13.522	149568	50.0
unknown14.169	14.169	19.8	ug/l	59324	4	13.522	149568	50.0
unknown14.222	14.222	19.3	ug/l	57587	4	13.522	149568	50.0
4-Cyanothiophenol	14.381	19.1	ug/l	57008	4	13.522	149568	50.0
Adamantane, 1,3...	14.481	20.6	ug/l	61532	4	13.522	149568	50.0
unknown14.769	14.769	26.8	ug/l	80169	4	13.522	149568	50.0
unknown15.381	15.381	26.1	ug/l	78033	4	13.522	149568	50.0
Naphthalene, 1,...	16.339	18.3	ug/l	54732	4	13.522	149568	50.0
unknown16.592	16.592	41.3	ug/l	123627	4	13.522	149568	50.0