

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071449.D
 Acq On : 23 Dec 2021 18:09
 Operator : VA/SY
 Sample : M5044-02
 Misc : 5.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-2-4.5

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\82D122221S.M
 Title : SW846 8260

Signal : TIC: VD071449.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	506	518	531	rBV2	62255	200466	1.85%	0.528%
2	7.914	1008	1019	1024	rBV	297571	704549	6.51%	1.854%
3	7.979	1024	1030	1040	rVB	486180	1063062	9.83%	2.798%
4	8.326	1077	1089	1098	rBV	298714	666997	6.17%	1.755%
5	8.508	1110	1120	1131	rVB	732312	1740891	16.10%	4.582%
6	8.861	1170	1180	1192	rBV	775370	1540677	14.24%	4.055%
7	9.485	1277	1286	1298	rVB	341829	708841	6.55%	1.866%
8	9.773	1327	1335	1345	rBV	351896	710942	6.57%	1.871%
9	9.908	1348	1358	1376	rBV	5276367	10816010	100.00%	28.466%
10	10.267	1407	1419	1423	rBV2	74908	157838	1.46%	0.415%
11	10.332	1423	1430	1440	rVB	1184271	2147707	19.86%	5.653%
12	11.238	1576	1584	1589	rVB3	152860	264082	2.44%	0.695%
13	11.355	1597	1604	1613	rVB	169649	344785	3.19%	0.907%
14	11.479	1615	1625	1631	rBV4	257805	543215	5.02%	1.430%
15	11.638	1642	1652	1668	rBV	1217595	2379512	22.00%	6.263%
16	11.773	1668	1675	1679	rVV2	99242	181283	1.68%	0.477%
17	11.891	1688	1695	1705	rVB6	91887	274035	2.53%	0.721%
18	12.002	1705	1714	1718	rBV2	97431	239118	2.21%	0.629%
19	12.144	1731	1738	1744	rBV4	82159	185344	1.71%	0.488%
20	12.508	1795	1800	1808	rVB5	79039	163359	1.51%	0.430%
21	12.620	1808	1819	1825	rBV2	932273	2115453	19.56%	5.568%
22	12.779	1839	1846	1848	rBV3	110357	250133	2.31%	0.658%
23	12.814	1849	1852	1857	rVB	153755	240266	2.22%	0.632%
24	12.902	1858	1867	1872	rBV2	224583	403386	3.73%	1.062%
25	12.967	1872	1878	1884	rVB5	93383	213628	1.98%	0.562%
26	13.202	1914	1918	1926	rVB	113998	192186	1.78%	0.506%
27	13.308	1926	1936	1946	rVB7	70315	208508	1.93%	0.549%
28	13.420	1946	1955	1964	rBV3	168616	406449	3.76%	1.070%
29	13.561	1970	1979	1984	rBV	1066798	1812940	16.76%	4.771%
30	13.614	1984	1988	1996	rVV3	165465	367171	3.39%	0.966%
31	13.685	1996	2000	2008	rVB9	53723	120467	1.11%	0.317%
32	13.773	2008	2015	2022	rBV3	86762	183831	1.70%	0.484%
33	13.885	2029	2034	2036	rBV3	116360	190064	1.76%	0.500%
34	14.038	2054	2060	2066	rVB	383081	640772	5.92%	1.686%
35	14.296	2095	2104	2111	rBV2	422630	817181	7.56%	2.151%
36	14.508	2136	2140	2144	rBV4	107999	225524	2.09%	0.594%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

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

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Title : SW846 8260

37	14.696	2167	2172	2176	rBV3	222034	353346	3.27%	0.930%
38	14.738	2176	2179	2188	rVB3	108761	236944	2.19%	0.624%
39	14.849	2188	2198	2206	rBV	251507	522616	4.83%	1.375%
40	14.932	2209	2212	2217	rVB4	80862	120221	1.11%	0.316%
41	15.232	2259	2263	2266	rBV4	84100	125916	1.16%	0.331%
42	15.267	2266	2269	2277	rVV5	102611	186854	1.73%	0.492%
43	15.349	2277	2283	2290	rVB2	457326	872676	8.07%	2.297%
44	15.579	2318	2322	2331	rVB3	187472	348186	3.22%	0.916%
45	15.690	2332	2341	2346	rVV9	99534	321297	2.97%	0.846%
46	15.761	2349	2353	2360	rVB5	131285	259414	2.40%	0.683%
47	16.043	2395	2401	2403	rBV5	88199	186486	1.72%	0.491%
48	16.179	2420	2424	2431	rVB7	83241	193521	1.79%	0.509%
49	16.255	2433	2437	2443	rVV6	95340	203821	1.88%	0.536%
50	16.326	2444	2449	2459	rVB2	256579	487907	4.51%	1.284%
51	16.537	2480	2485	2491	rBV6	80832	155703	1.44%	0.410%

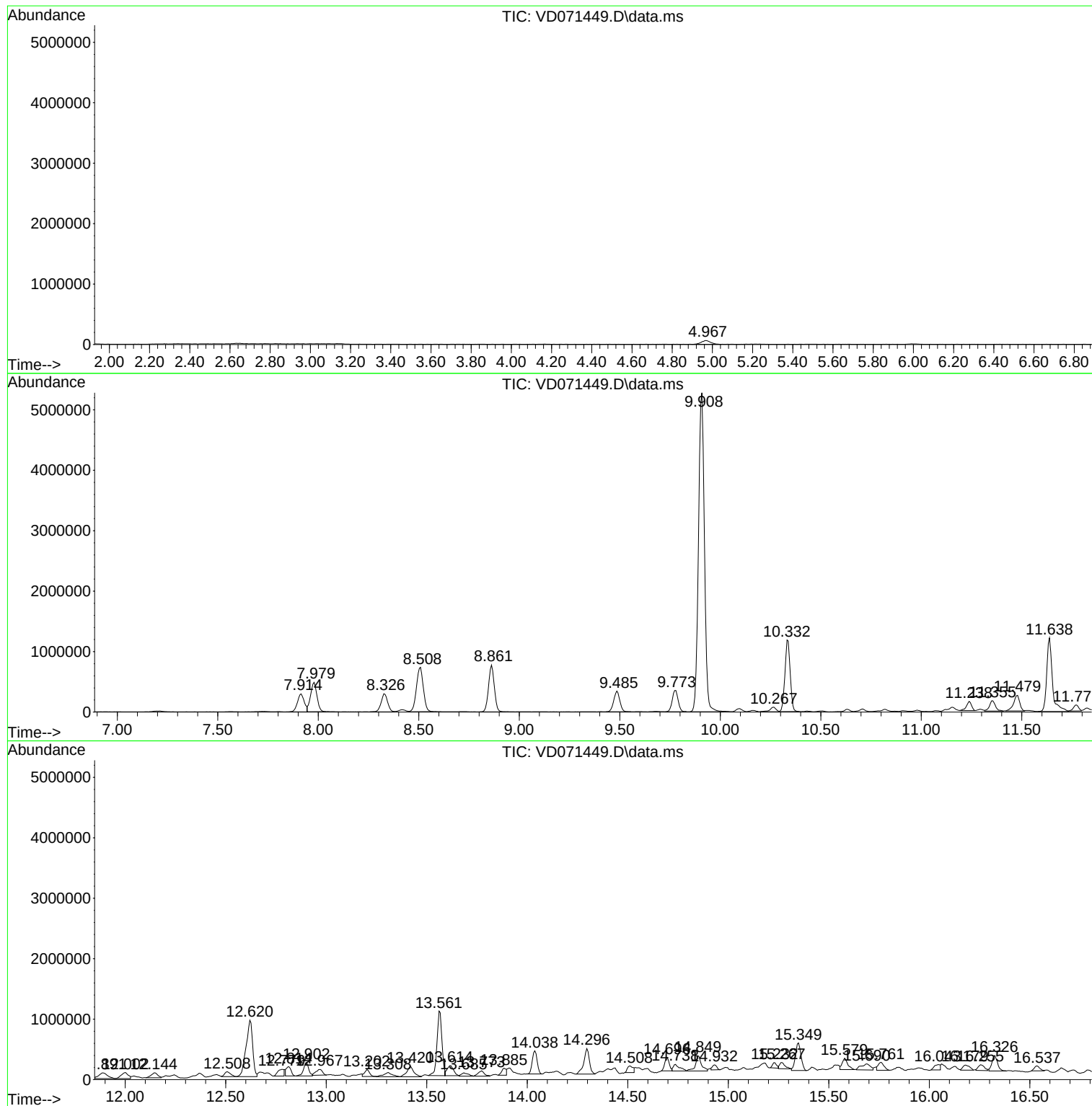
Sum of corrected areas: 37995580

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

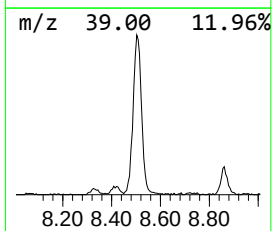
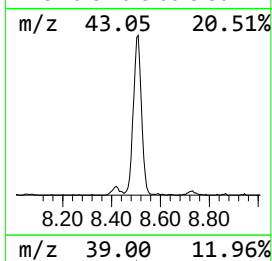
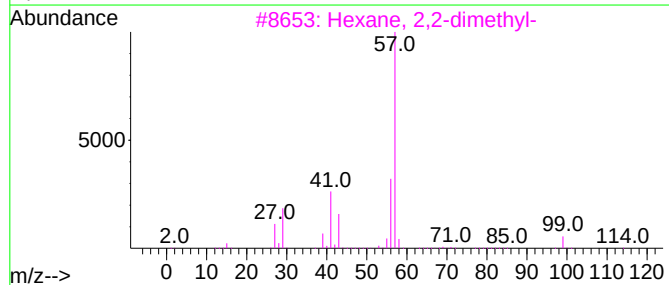
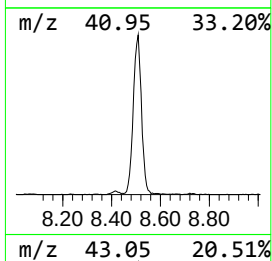
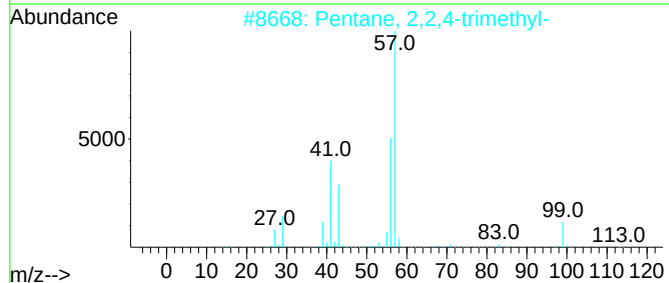
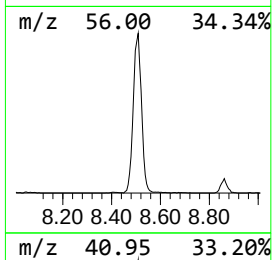
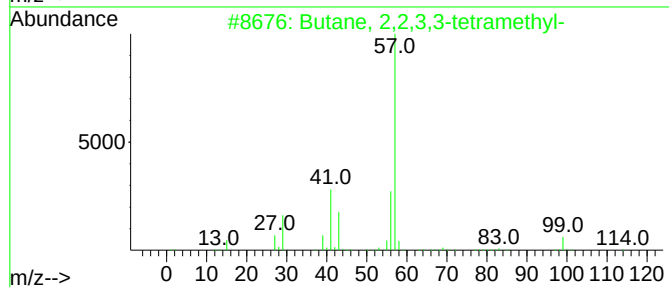
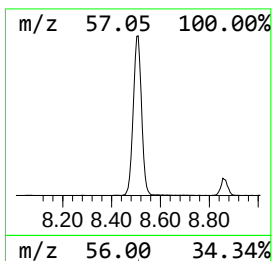
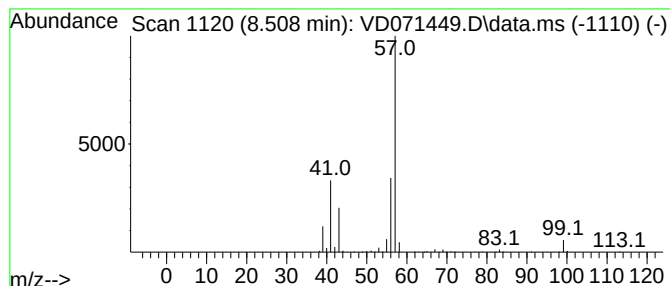
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	56.50 ug/l	1740890	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
5			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

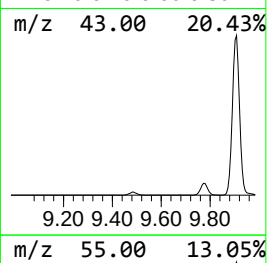
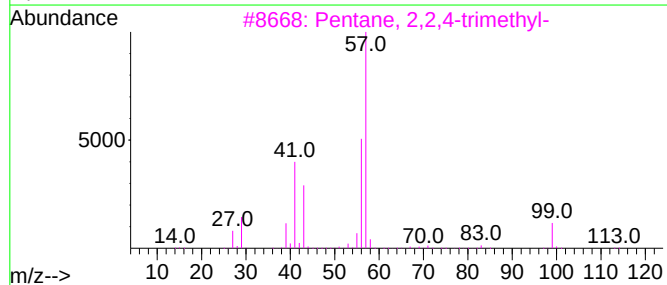
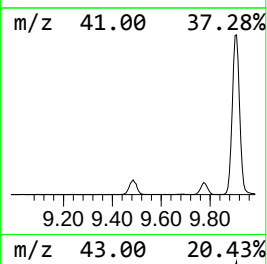
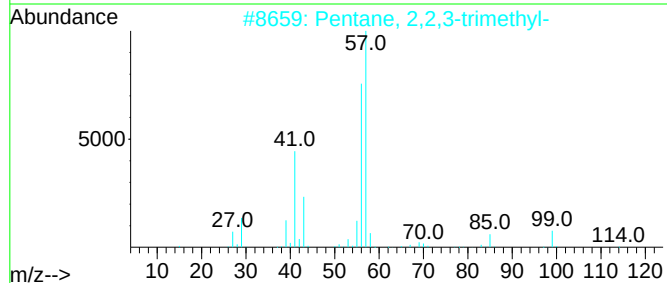
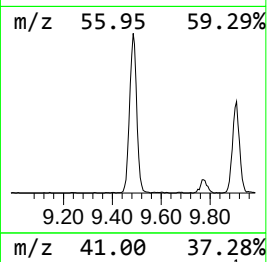
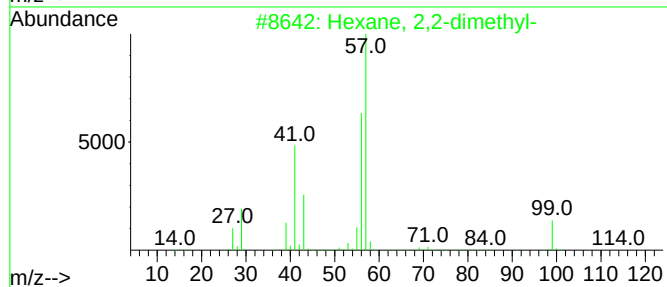
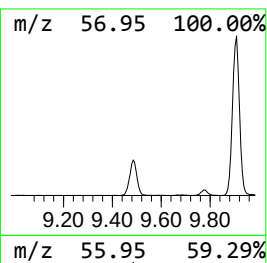
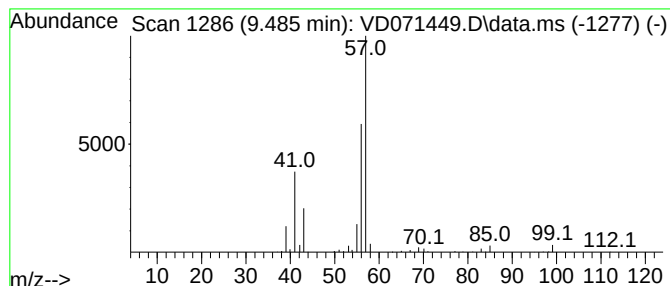
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 2 Hexane, 2,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.485	23.00 ug/l	708841	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2			Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
4			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5			Pentane, 3-methyl-	86	C6H14	000096-14-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

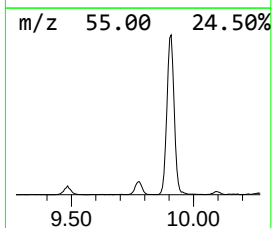
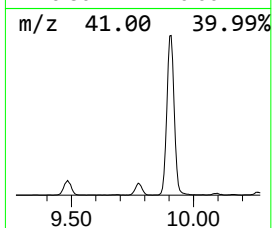
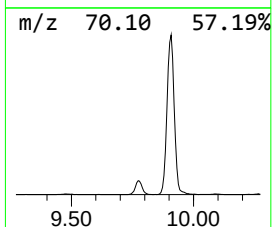
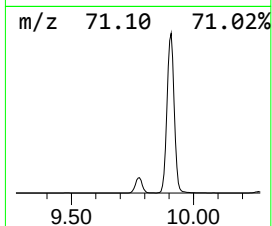
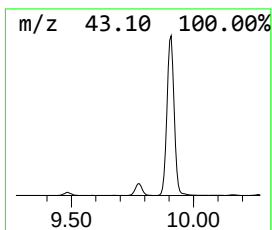
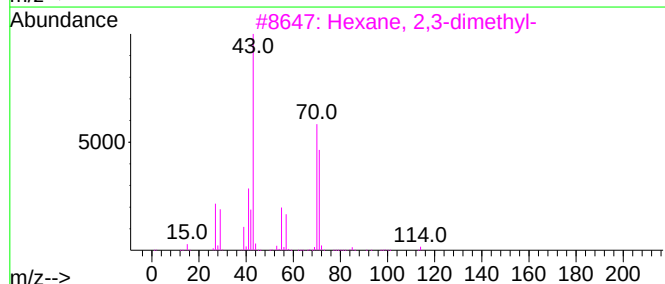
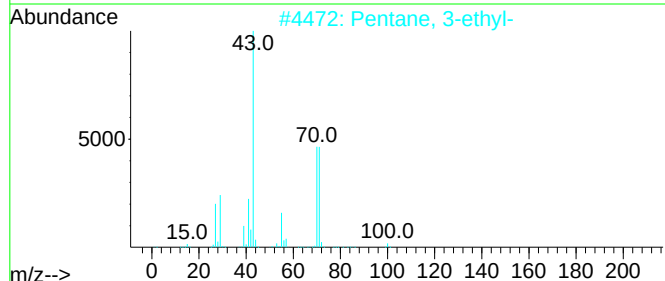
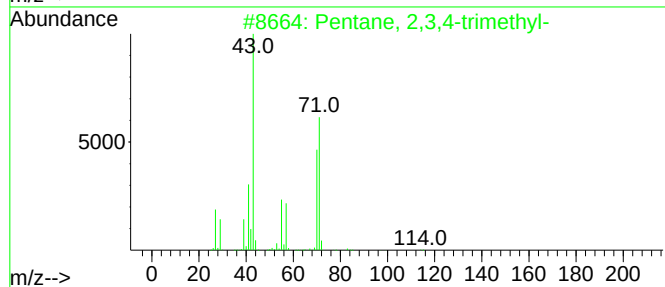
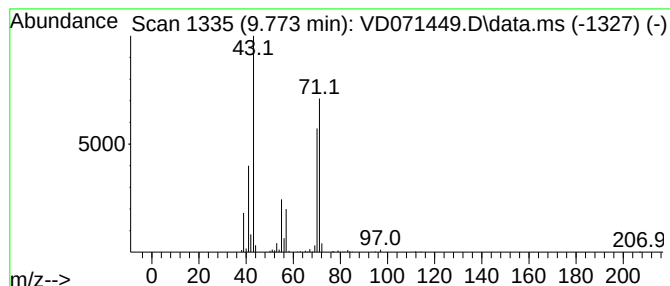
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.773	23.07 ug/l	710942	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	74
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	74
5			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

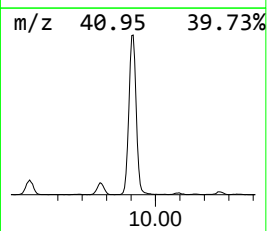
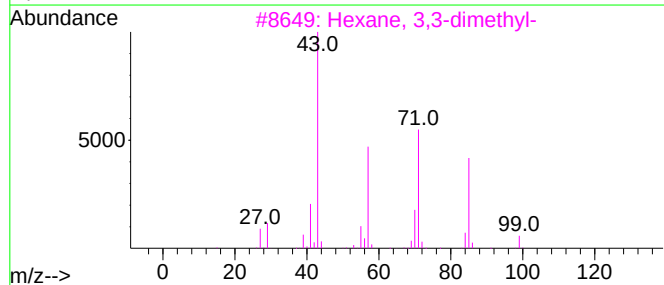
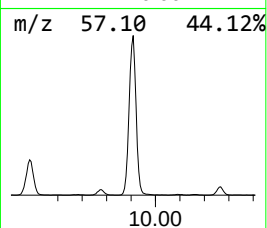
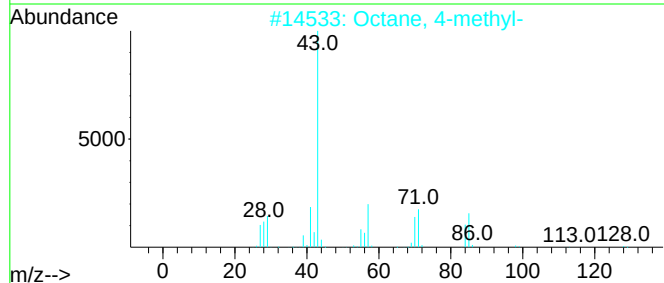
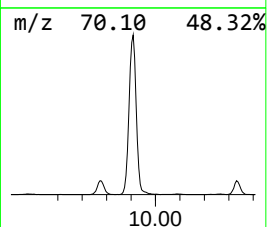
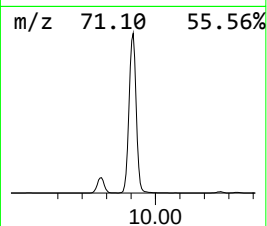
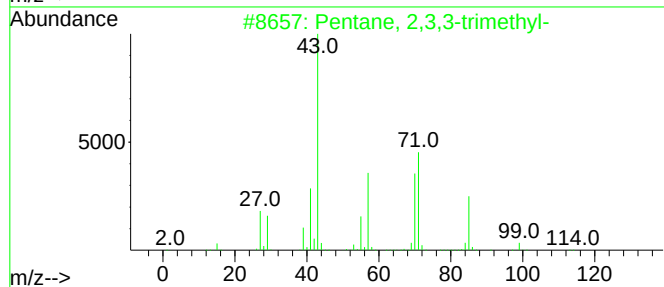
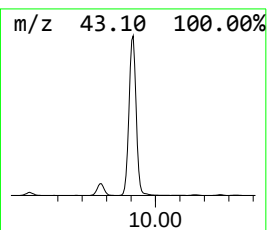
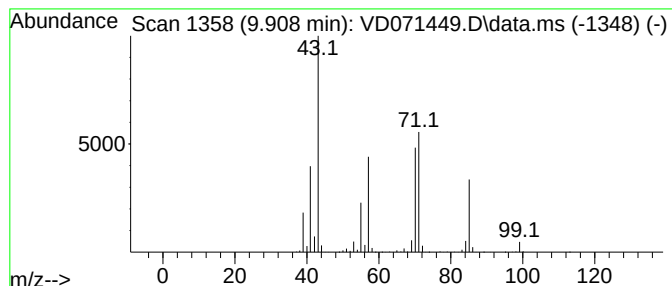
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2,3,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.908	351.01 ug/l	10816000	1,4-Difluorobenzene	8.861

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Octane, 4-methyl-	128	C9H20	002216-34-4	78
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

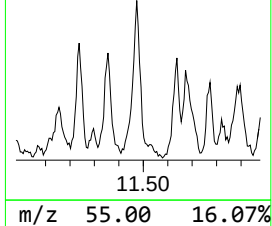
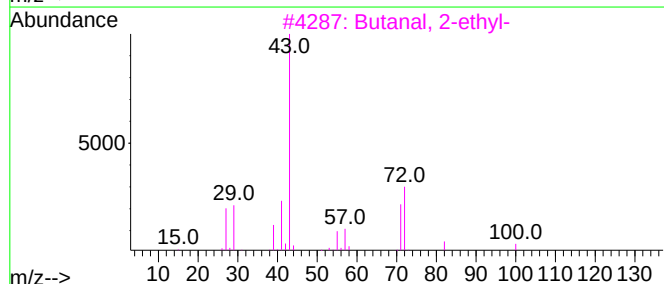
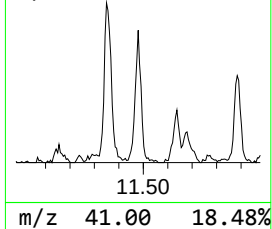
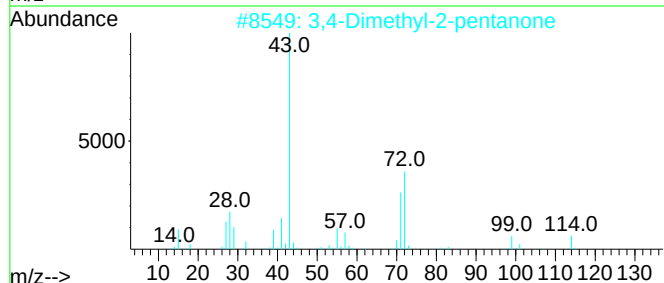
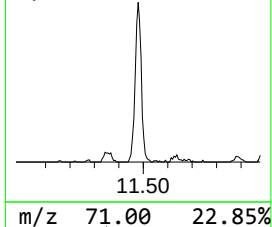
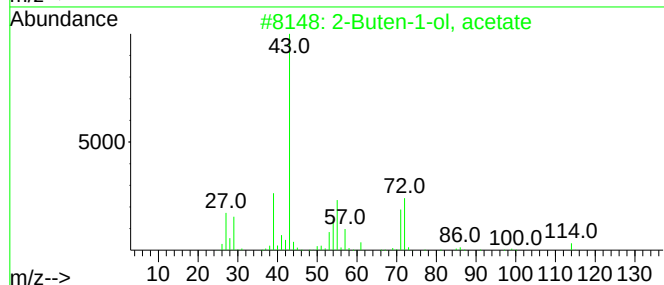
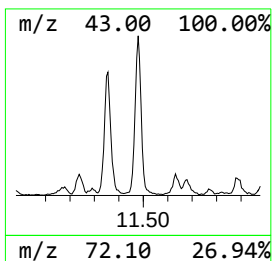
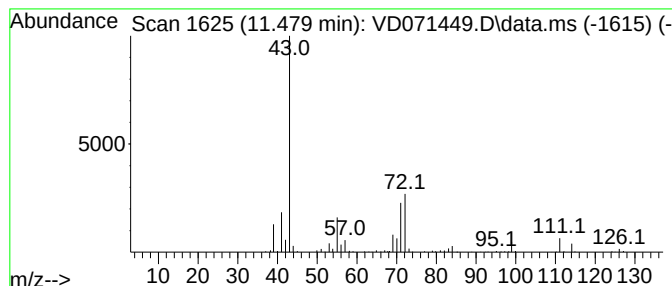
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 5 2-Buten-1-ol, acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.479	11.41 ug/l	543215	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	59
2			3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	59
3			Butanal, 2-ethyl-	100	C6H12O	000097-96-1	53
4			2,3-Hexanedione	114	C6H10O2	003848-24-6	43
5			3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

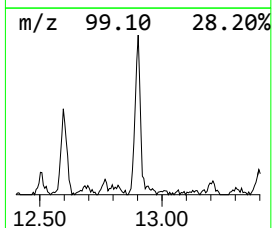
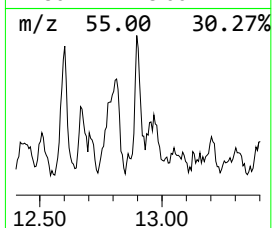
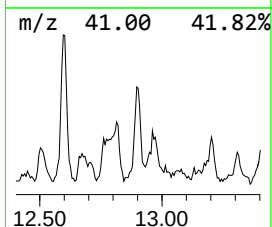
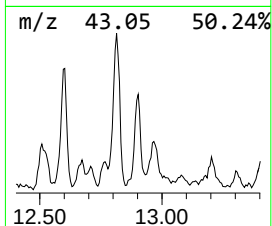
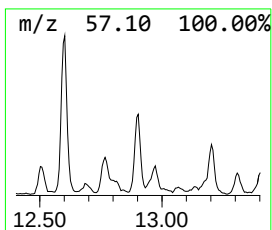
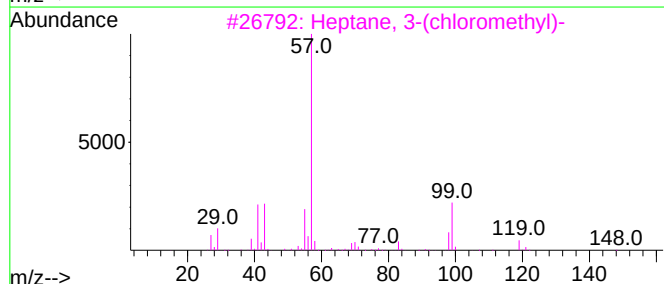
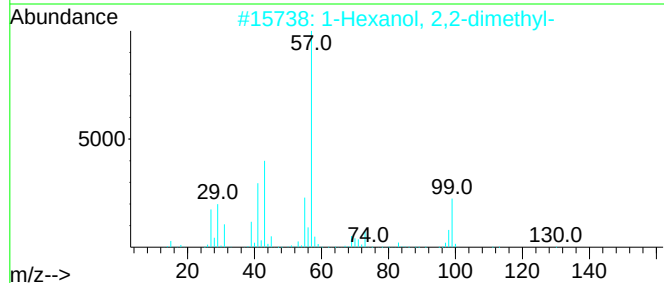
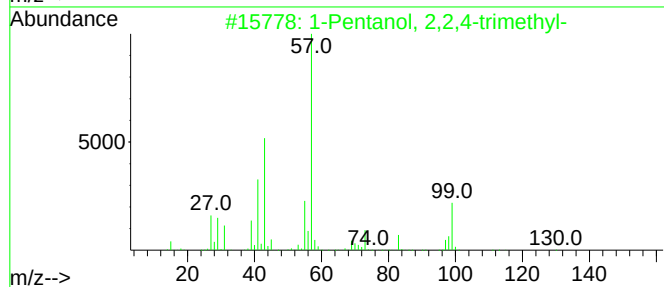
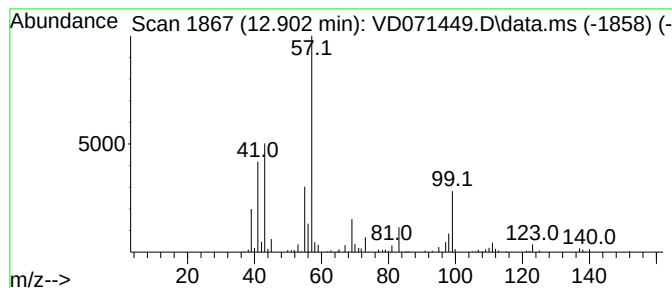
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 6 1-Pentanol, 2,2,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.902	11.13 ug/l	403386	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentanol, 2,2,4-trimethyl-	130	C8H18O	000123-44-4	59
2			1-Hexanol, 2,2-dimethyl-	130	C8H18O	002370-13-0	50
3			Heptane, 3-(chloromethyl)-	148	C8H17Cl	000123-04-6	43
4			2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	40
5			Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

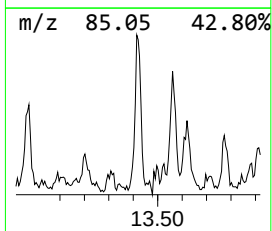
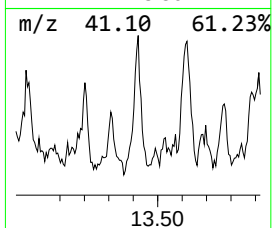
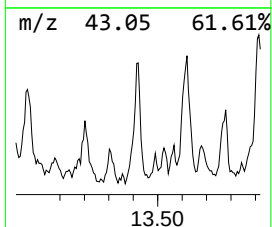
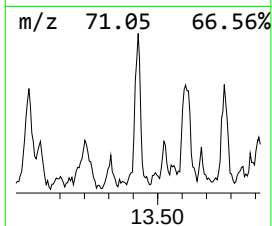
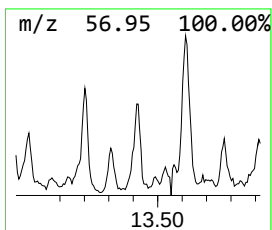
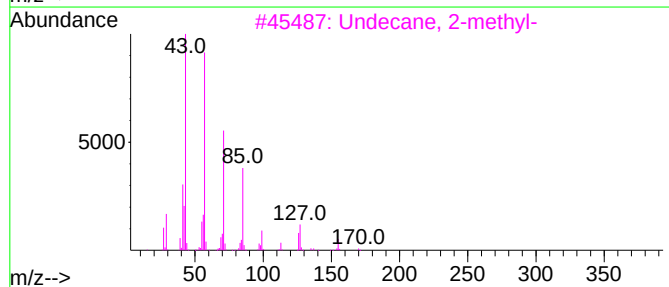
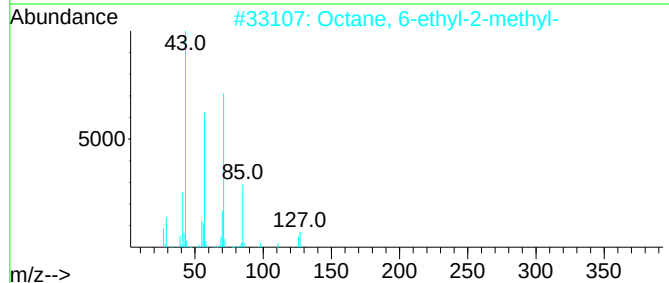
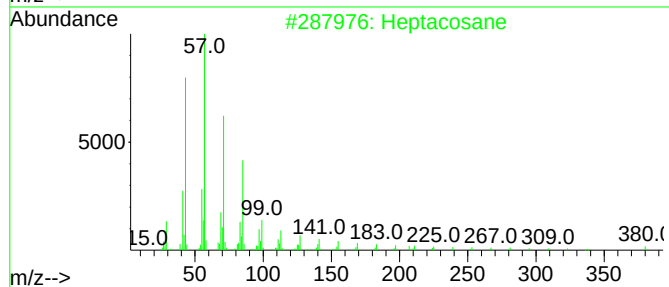
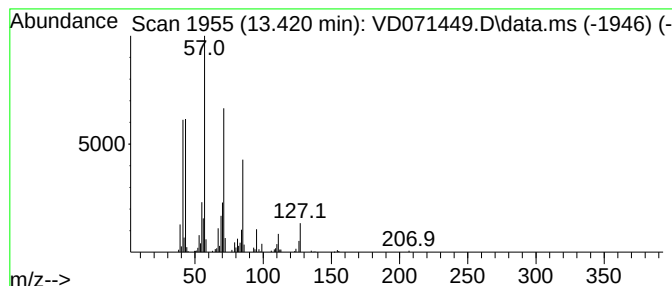
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 7 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	11.21 ug/l	406449	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	64
2			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	59
4			Tridecane	184	C13H28	000629-50-5	59
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

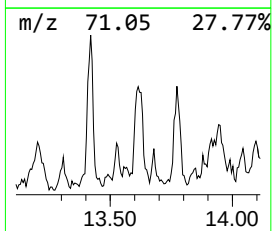
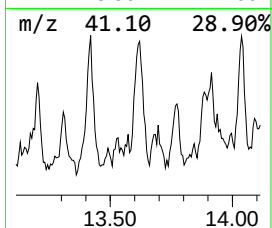
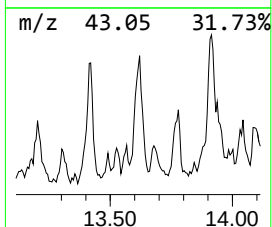
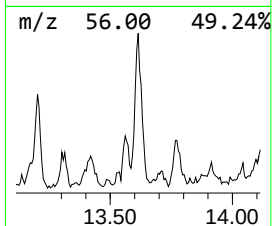
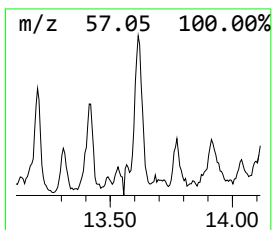
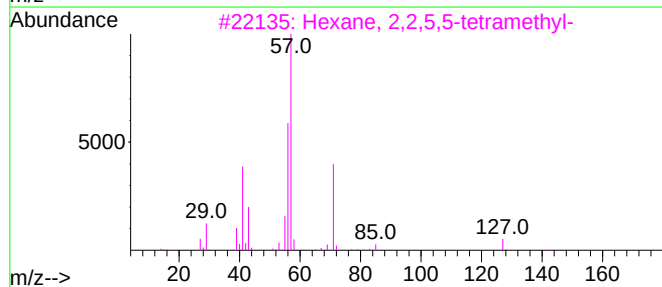
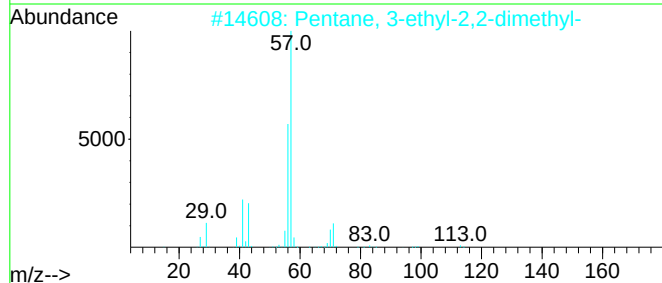
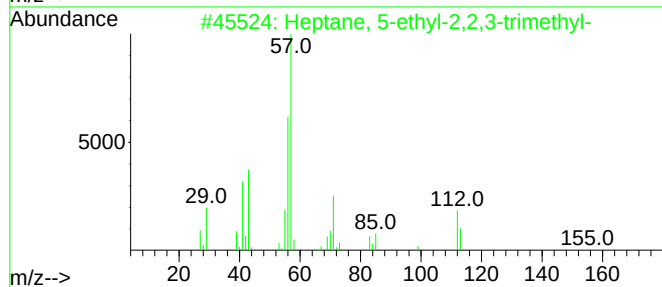
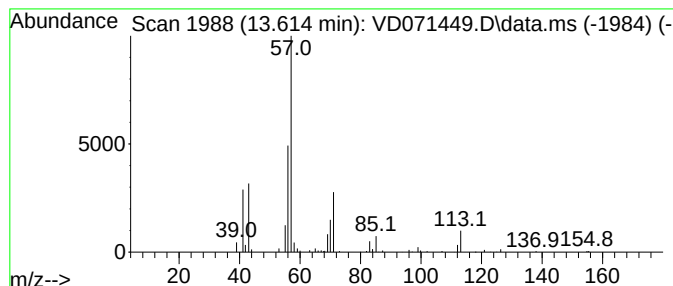
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 8 Heptane, 5-ethyl-2,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.614	10.13 ug/l	367171	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	56
2			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	50
5			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

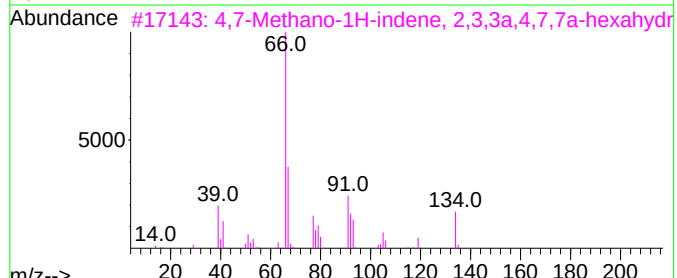
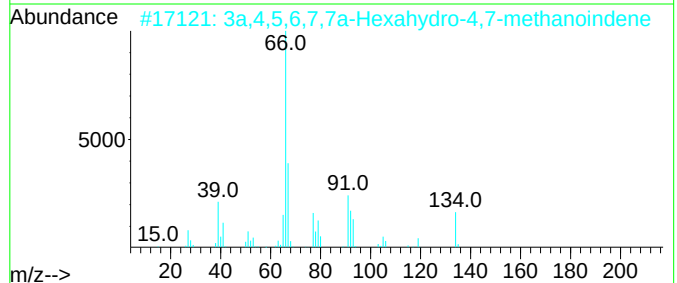
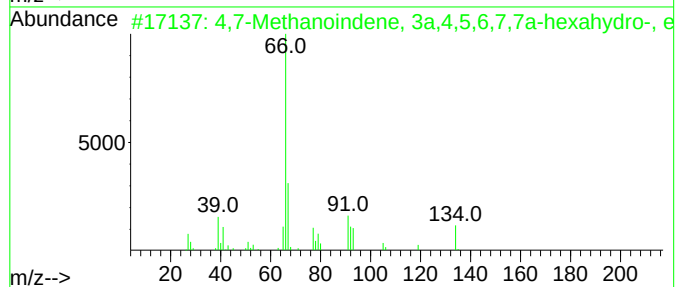
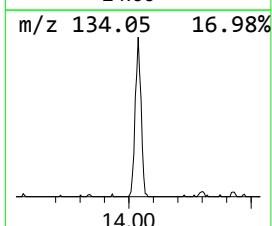
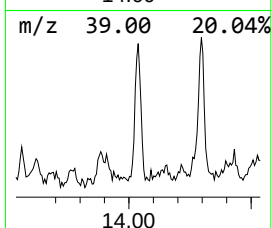
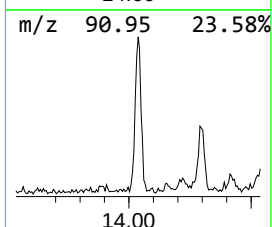
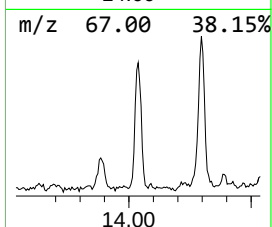
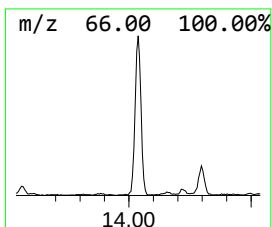
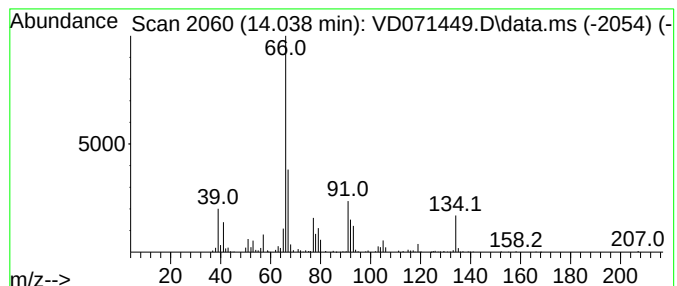
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 9 4,7-Methanoindene, 3a,4,5,6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.038	17.67 ug/l	640772	1,4-Dichlorobenzene-d4			13.561
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4,7-Methanoindene, 3a,4,5,6,7,7a...		134	C10H14	002825-86-7	97
2	3a,4,5,6,7,7a-Hexahydro-4,7-meth...		134	C10H14	004488-57-7	95
3	4,7-Methano-1H-indene, 2,3,3a,4,...		134	C10H14	002826-19-9	94
4	4,7-Methano-1H-indene, 2,3,3a,4,...		134	C10H14	019398-83-5	78
5	5-Allyl-2-norbornene		134	C10H14	031663-53-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

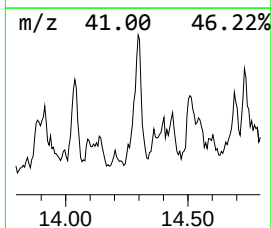
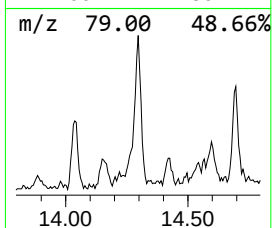
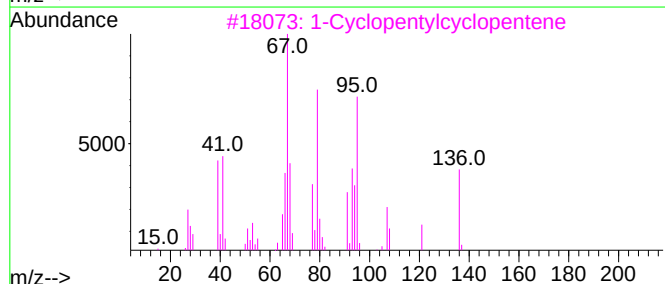
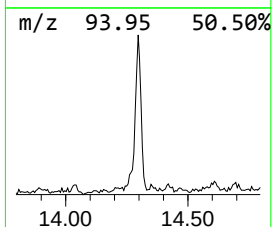
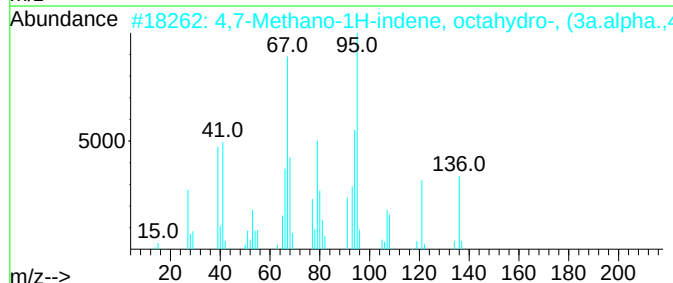
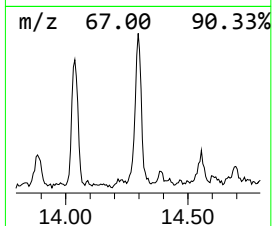
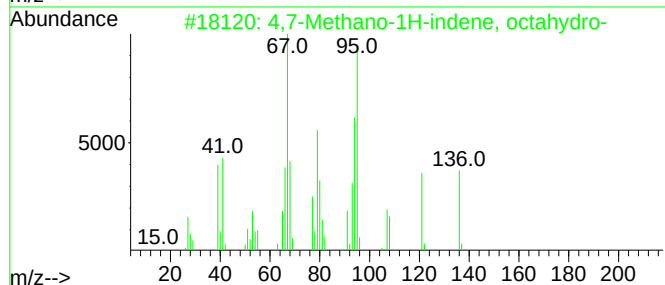
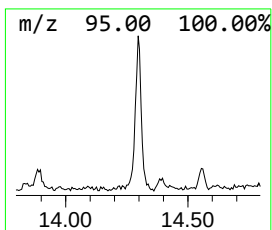
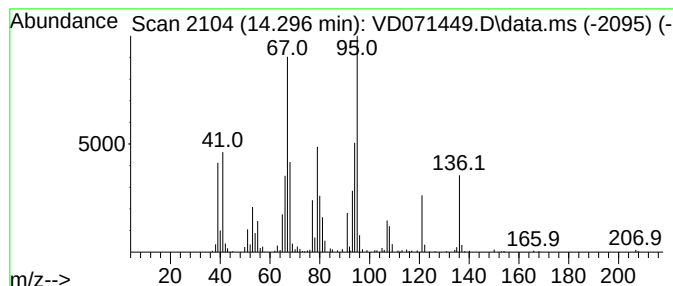
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 10 4,7-Methano-1H-indene, octa... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.296	22.54 ug/l	817181	1,4-Dichlorobenzene-d4		13.561	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, octahydro-		136	C10H16	006004-38-2	99
2	4,7-Methano-1H-indene, octahydro...		136	C10H16	002825-83-4	98
3	1-Cyclopentylcyclopentene		136	C10H16	004884-21-3	93
4	exo-Tricyclo[5.2.1.0(2,6)]decane		136	C10H16	002825-82-3	76
5	Bicyclo[4.1.1]oct-2-ene		108	C8H12	016544-26-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

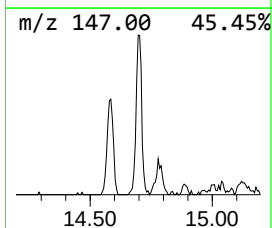
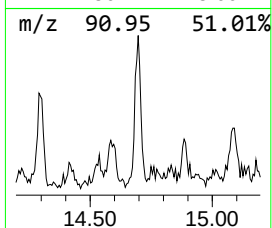
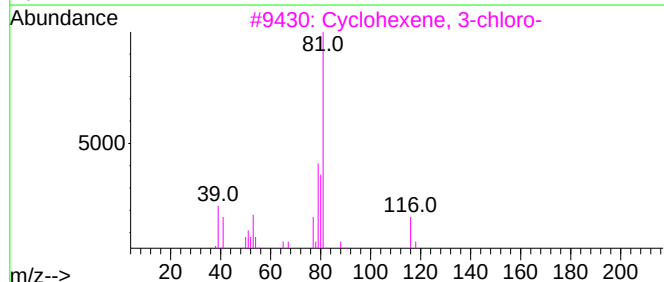
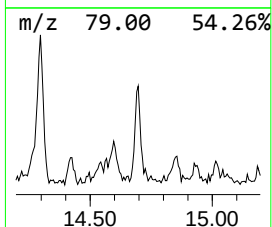
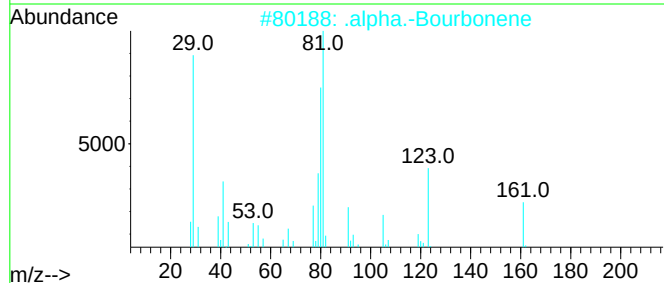
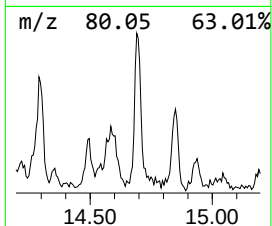
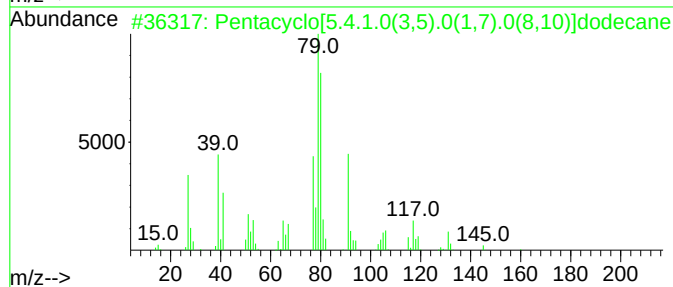
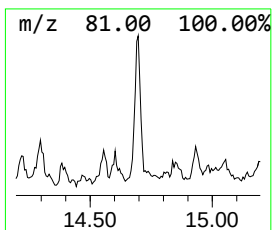
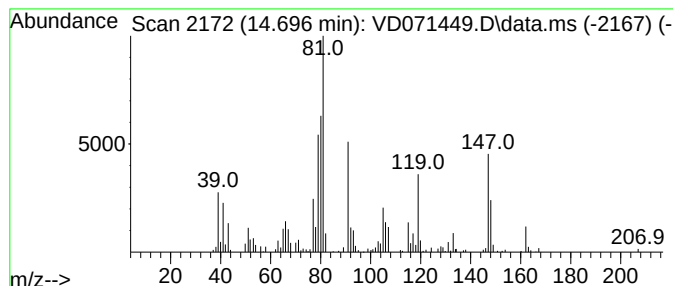
Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 11 Pentacyclo[5.4.1.0(3,5).0(1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.696	9.75 ug/l	353346	1,4-Dichlorobenzene-d4			13.561
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentacyclo[5.4.1.0(3,5).0(1,7).0...		160	C12H16	1000487-16-5	60
2	.alpha.-Bourbonene		204	C15H24	1000293-01-9	47
3	Cyclohexene, 3-chloro-		116	C6H9Cl	002441-97-6	35
4	1H-Pyrrole, 1-methyl-		81	C5H7N	000096-54-8	30
5	1,3,5,8-Undecatetraene		148	C11H16	050277-31-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

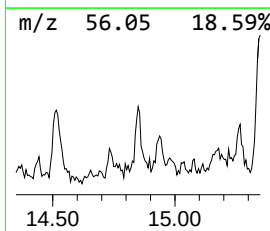
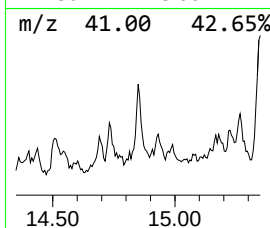
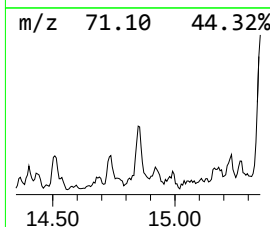
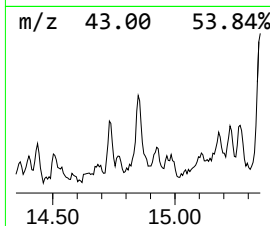
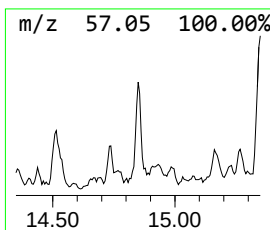
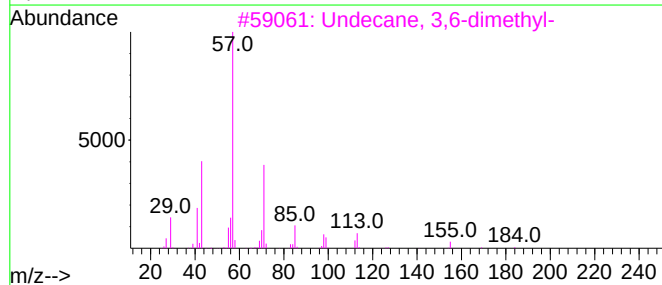
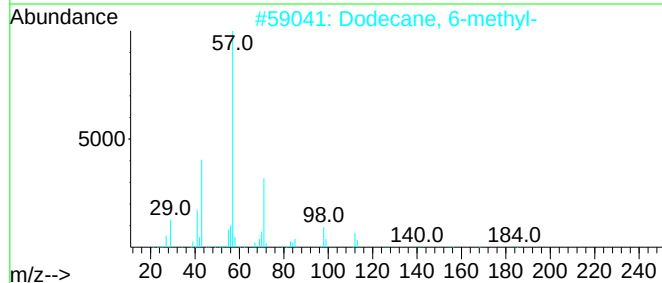
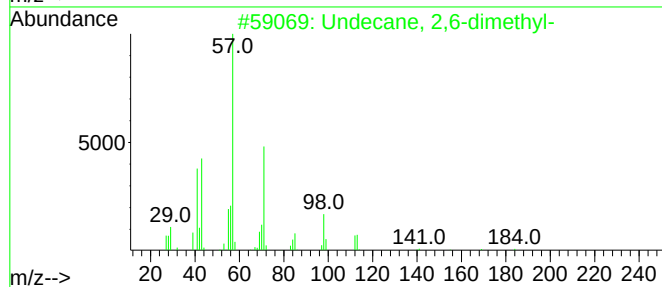
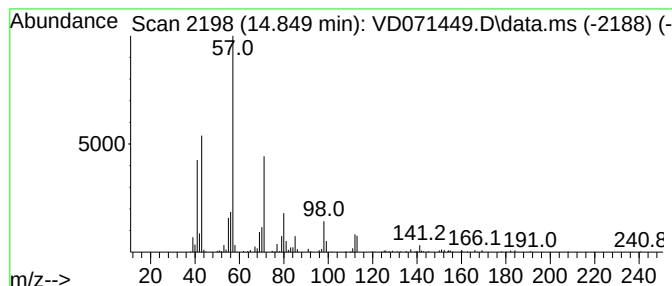
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.849	14.41 ug/l	522616	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
5			Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

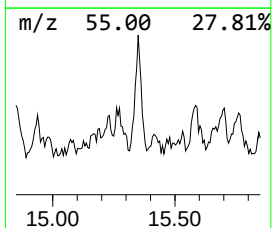
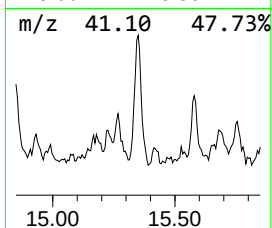
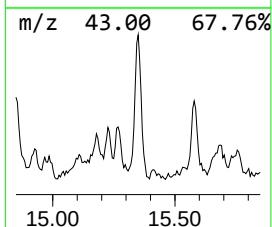
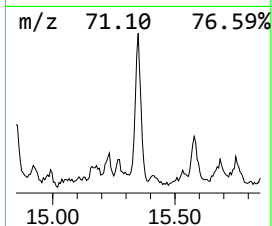
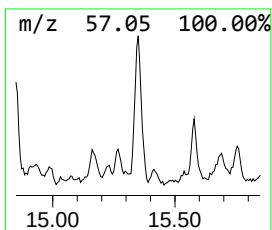
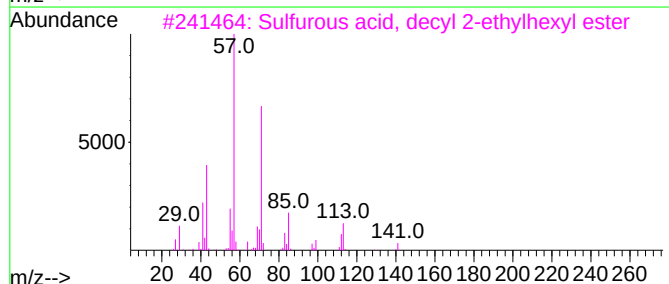
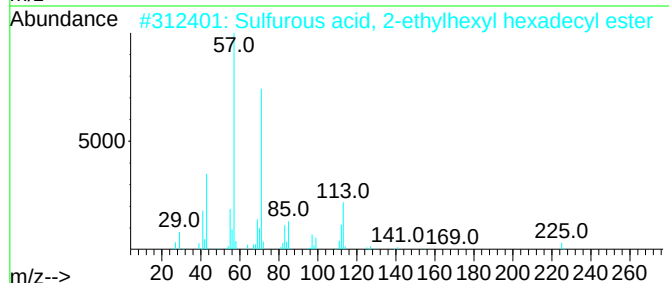
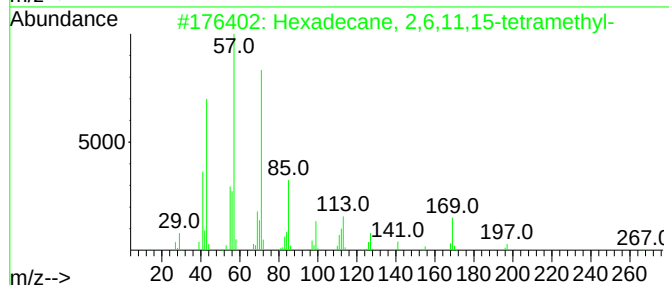
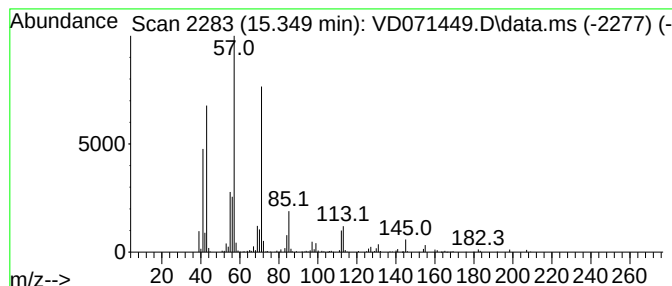
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 13 Hexadecane, 2,6,11,15-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	24.07 ug/l	872676	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
2			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5			1-Decene, 4-methyl-	154	C11H22	013151-29-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

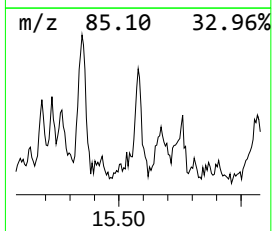
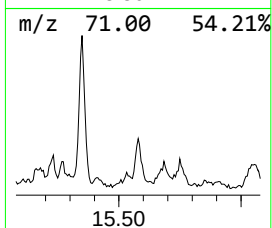
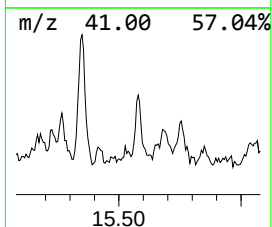
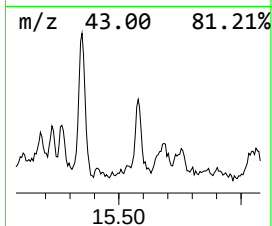
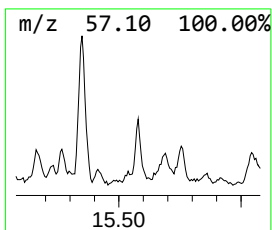
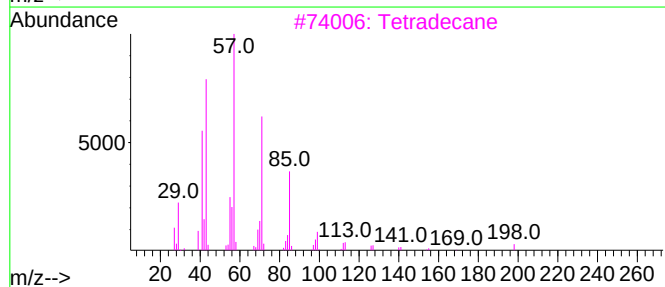
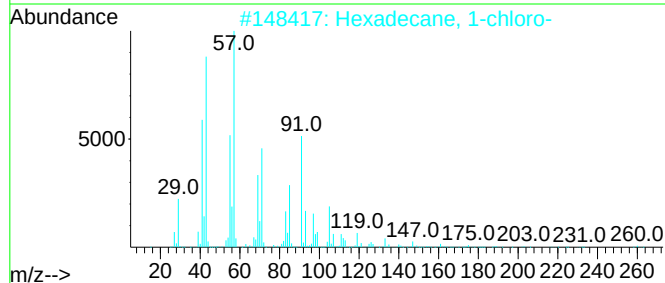
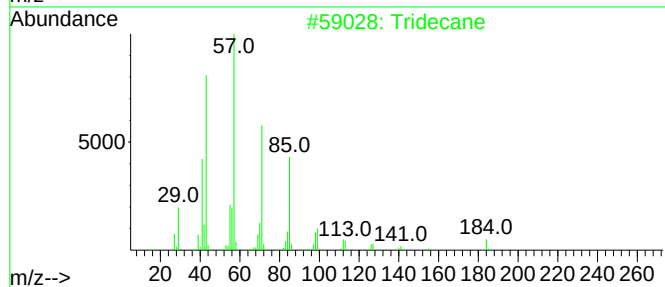
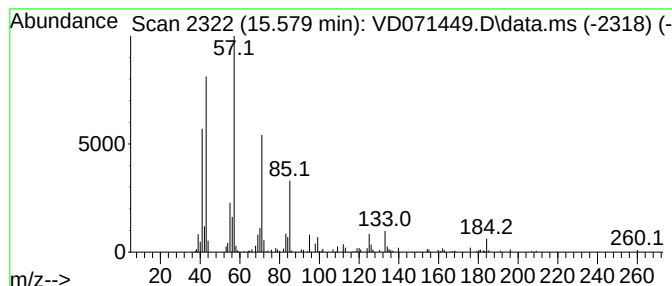
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 14 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.579	9.60 ug/l	348186	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	74
3			Tetradecane	198	C14H30	000629-59-4	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
Data File : VD071449.D
Acq On : 23 Dec 2021 18:09
Operator : VA/SY
Sample : M5044-02
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-2-4.5

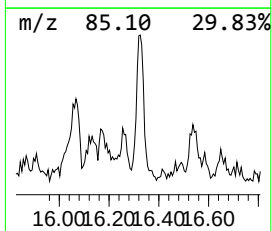
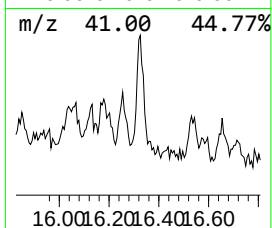
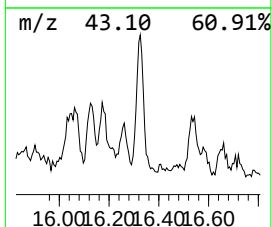
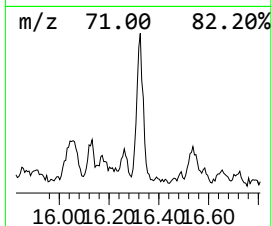
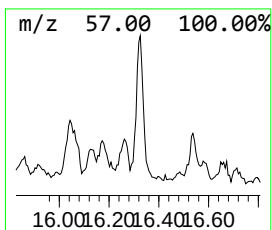
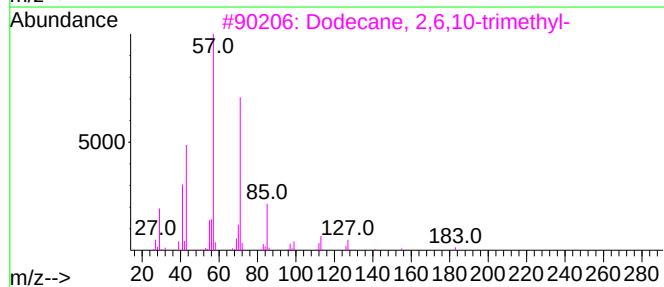
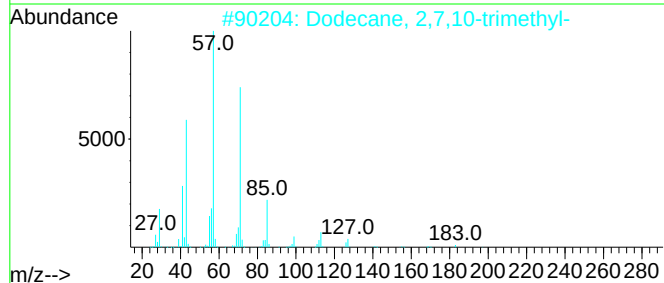
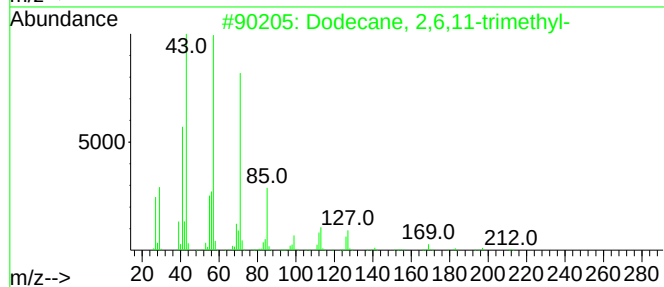
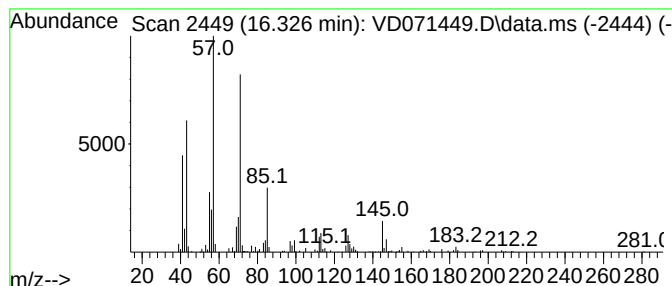
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 15 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.326	13.46 ug/l	487907	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071449.D
 Acq On : 23 Dec 2021 18:09
 Operator : VA/SY
 Sample : M5044-02
 Misc : 5.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-2-4.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.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
Butane, 2,2,3,3...	8.508	56.5	ug/l	1740890	2	8.861	1540680	50.0
Hexane, 2,2-dim...	9.485	23.0	ug/l	708841	2	8.861	1540680	50.0
Pentane, 2,3,4-...	9.773	23.1	ug/l	710942	2	8.861	1540680	50.0
Pentane, 2,3,3-...	9.908	351.0	ug/l	10816000	2	8.861	1540680	50.0
2-Buten-1-ol, a...	11.479	11.4	ug/l	543215	3	11.638	2379510	50.0
1-Pentanol, 2,2...	12.902	11.1	ug/l	403386	4	13.561	1812940	50.0
Heptacosane	13.420	11.2	ug/l	406449	4	13.561	1812940	50.0
Heptane, 5-ethy...	13.614	10.1	ug/l	367171	4	13.561	1812940	50.0
4,7-Methanoinde...	14.038	17.7	ug/l	640772	4	13.561	1812940	50.0
4,7-Methano-1H-...	14.296	22.5	ug/l	817181	4	13.561	1812940	50.0
Pentacyclo[5.4...	14.696	9.8	ug/l	353346	4	13.561	1812940	50.0
Undecane, 2,6-d...	14.849	14.4	ug/l	522616	4	13.561	1812940	50.0
Hexadecane, 2,6...	15.349	24.1	ug/l	872676	4	13.561	1812940	50.0
Tridecane	15.579	9.6	ug/l	348186	4	13.561	1812940	50.0
Dodecane, 2,6,1...	16.326	13.5	ug/l	487907	4	13.561	1812940	50.0