

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009596.D
 Acq On : 19 Jul 2022 17:49
 Operator : KP/MD
 Sample : N3651-07
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-5-(12-18)

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_Y\methods\82Y071822S.M
 Title : SW846 8260

Signal : TIC: VY009596.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.698	462	472	489	rBV2	14003	46116	1.34%	0.248%
2	7.710	953	966	972	rBV2	133265	326325	9.50%	1.752%
3	7.783	972	978	988	rVB	268109	596965	17.37%	3.206%
4	8.136	1025	1036	1048	rBV	130942	294293	8.56%	1.580%
5	8.319	1056	1066	1076	rBV	43864	104491	3.04%	0.561%
6	8.685	1117	1126	1137	rBV	418253	823517	23.97%	4.422%
7	9.612	1269	1278	1289	rVB	56541	109117	3.18%	0.586%
8	9.740	1289	1299	1311	rBV	58763	117952	3.43%	0.633%
9	10.106	1346	1359	1364	rBV	89879	167410	4.87%	0.899%
10	10.173	1364	1370	1378	rVB	568822	959029	27.91%	5.150%
11	10.630	1440	1445	1455	rVB	32859	57517	1.67%	0.309%
12	11.410	1564	1573	1578	rBV	28767	48299	1.41%	0.259%
13	11.483	1578	1585	1591	rVV	675247	1134769	33.02%	6.094%
14	11.563	1595	1598	1605	rVB	57637	87654	2.55%	0.471%
15	11.739	1623	1627	1637	rVB	68310	117433	3.42%	0.631%
16	11.898	1646	1653	1656	rVB2	18937	37547	1.09%	0.202%
17	11.977	1661	1666	1674	rVB5	17616	37360	1.09%	0.201%
18	12.105	1681	1687	1695	rVB	69399	113109	3.29%	0.607%
19	12.197	1697	1702	1713	rVB8	17320	53924	1.57%	0.290%
20	12.459	1739	1745	1756	rBV2	1787937	3436174	100.00%	18.453%
21	12.569	1756	1763	1767	rVV3	55349	121629	3.54%	0.653%
22	12.623	1767	1772	1782	rVB	202058	447900	13.03%	2.405%
23	12.733	1787	1790	1796	rVB5	29333	52656	1.53%	0.283%
24	12.837	1796	1807	1812	rBV2	241939	549003	15.98%	2.948%
25	12.886	1812	1815	1819	rVV2	49958	72867	2.12%	0.391%
26	12.940	1819	1824	1827	rVV4	15434	36196	1.05%	0.194%
27	13.038	1831	1840	1841	rVV3	145392	266304	7.75%	1.430%
28	13.069	1841	1845	1852	rVB	401165	621934	18.10%	3.340%
29	13.172	1858	1862	1869	rVB	97480	162217	4.72%	0.871%
30	13.282	1871	1880	1889	rBV	1298515	2122348	61.76%	11.397%
31	13.349	1889	1891	1894	rVV2	34900	40363	1.17%	0.217%
32	13.422	1894	1903	1907	rVV	604154	1046259	30.45%	5.618%
33	13.477	1907	1912	1921	rVB	818149	1851395	53.88%	9.942%
34	13.642	1928	1939	1943	rBV2	233530	484205	14.09%	2.600%
35	13.818	1964	1968	1974	rVB4	59687	127009	3.70%	0.682%
36	13.916	1980	1984	1986	rBV	32780	45396	1.32%	0.244%

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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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Title : SW846 8260

37	13.959	1986	1991	1994	rBV2	118681	213380	6.21%	1.146%
38	14.074	2006	2010	2013	rBV	35995	47957	1.40%	0.258%
39	14.141	2014	2021	2022	rBV2	60551	112887	3.29%	0.606%
40	14.257	2036	2040	2042	rBV3	22513	37333	1.09%	0.200%
41	14.385	2055	2061	2069	rVB3	364060	807755	23.51%	4.338%
42	14.459	2070	2073	2079	rVV3	47606	83724	2.44%	0.450%
43	14.519	2080	2083	2087	rVV2	46043	81702	2.38%	0.439%
44	14.562	2087	2090	2096	rVB3	52469	90151	2.62%	0.484%
45	15.007	2155	2163	2164	rBV6	30022	71464	2.08%	0.384%
46	15.221	2194	2198	2205	rVB	79485	144454	4.20%	0.776%
47	15.288	2205	2209	2212	rBV4	20043	41449	1.21%	0.223%
48	15.891	2304	2308	2313	rBV2	35744	61781	1.80%	0.332%
49	16.763	2445	2451	2455	rBV3	50309	110987	3.23%	0.596%

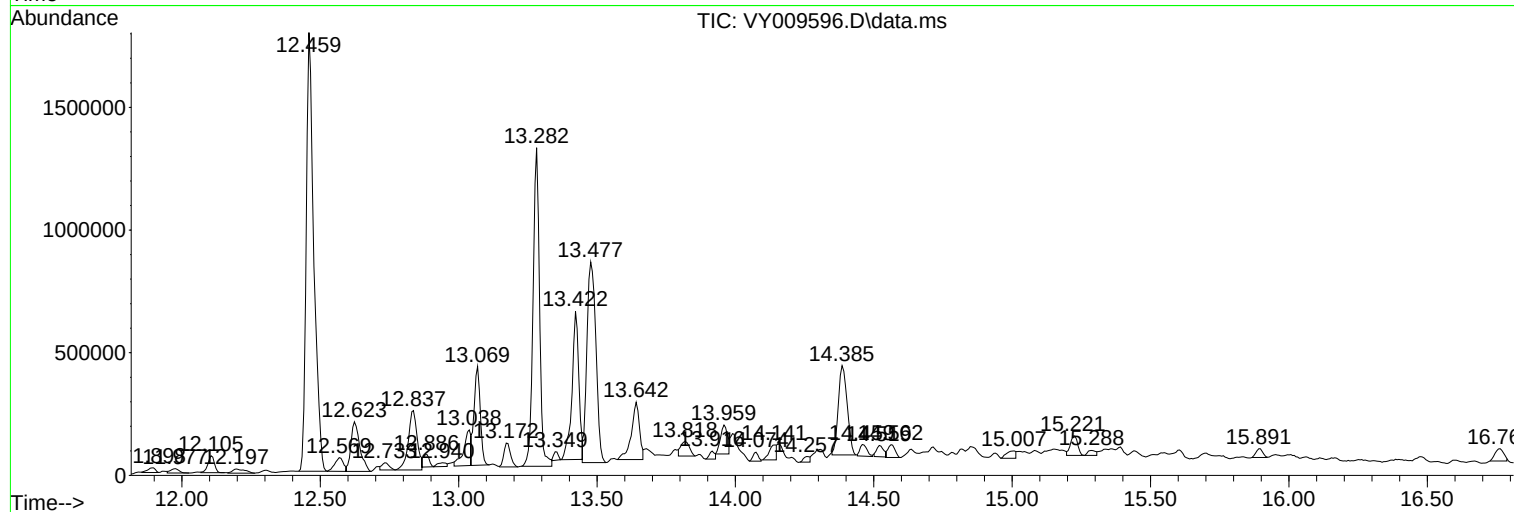
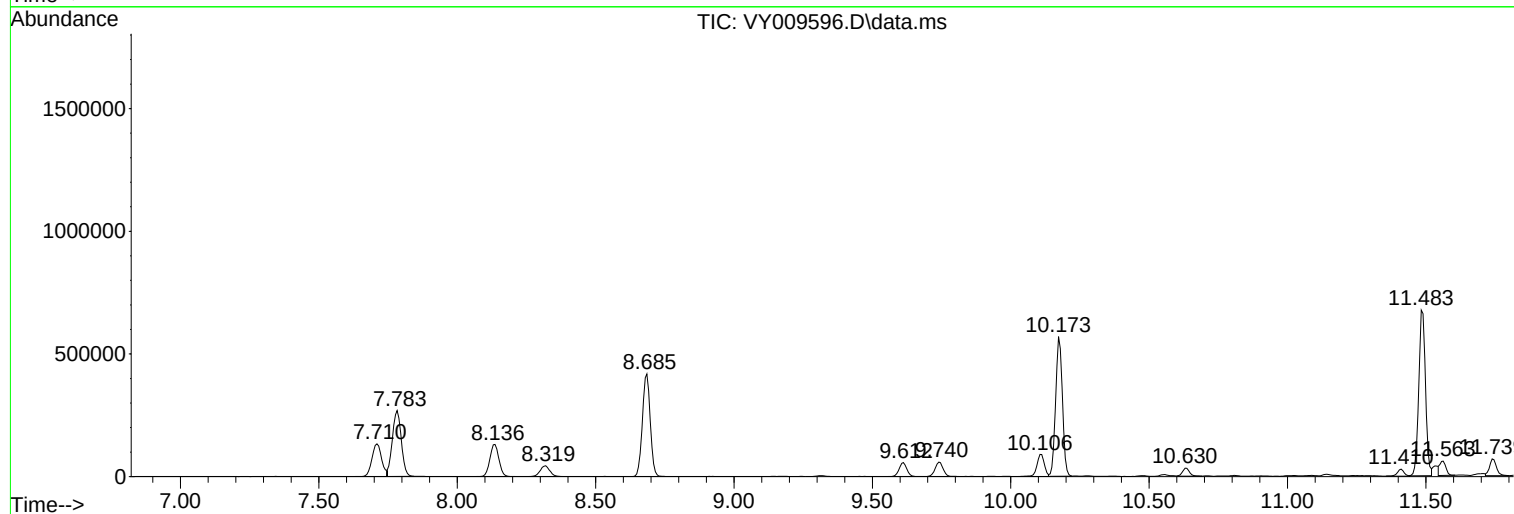
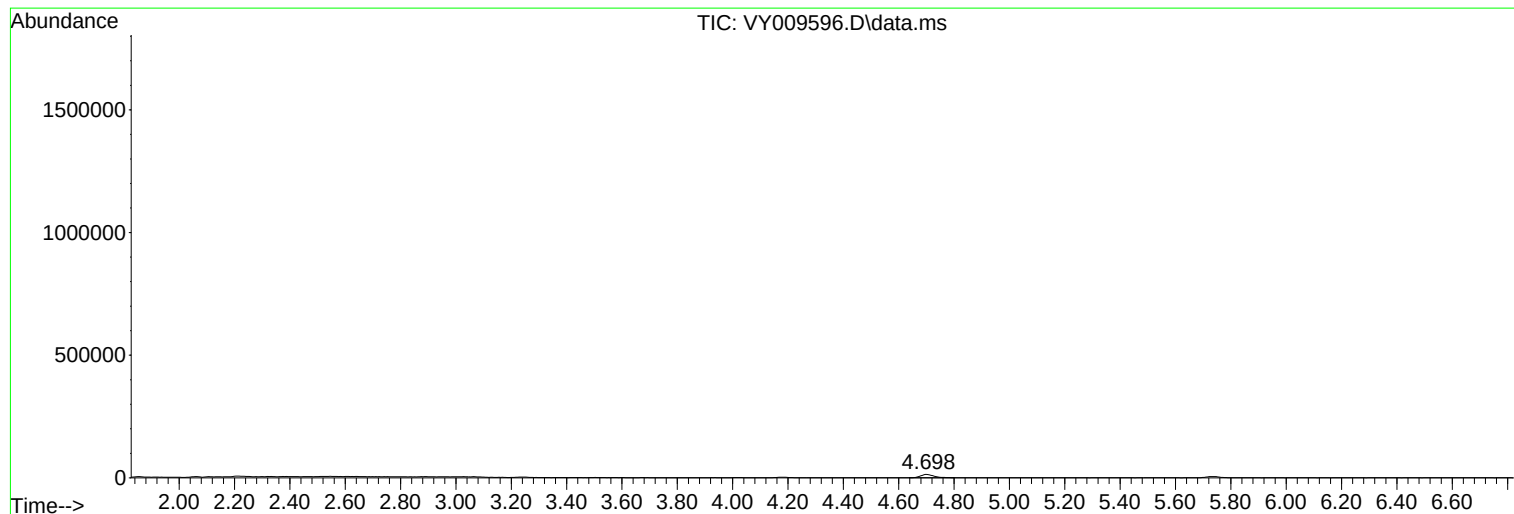
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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



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Instrument :
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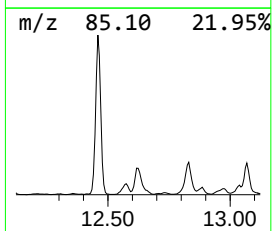
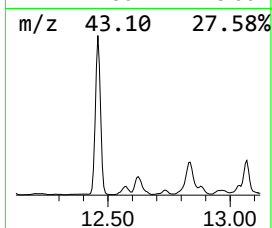
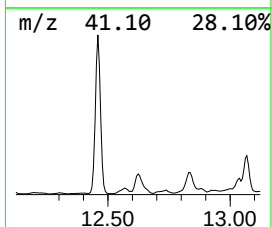
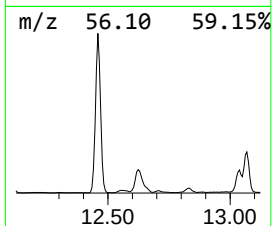
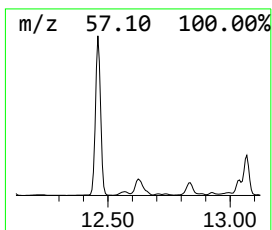
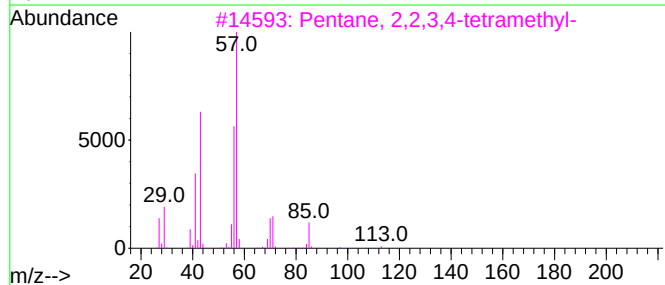
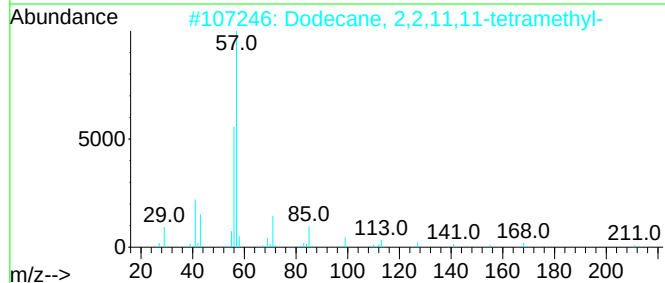
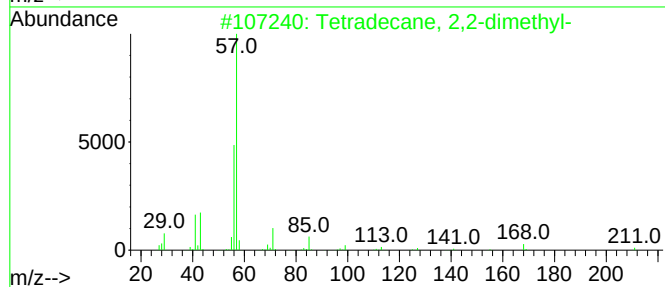
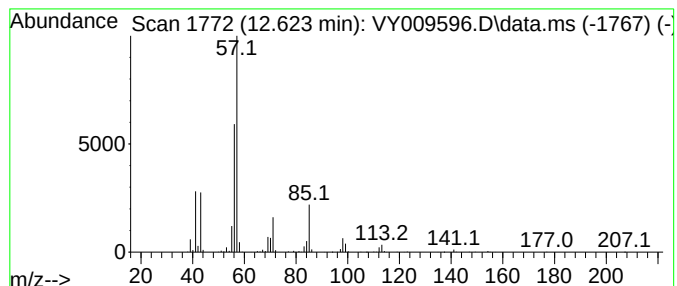
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 1 Tetradecane, 2,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.624	21.40 ug/l	447900	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	59
2			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	59
3			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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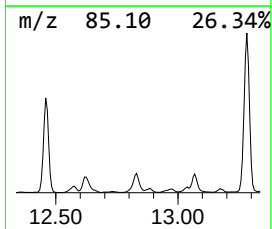
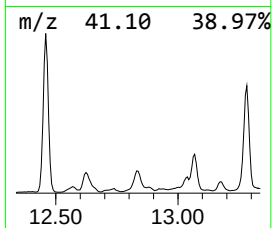
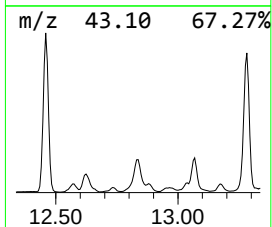
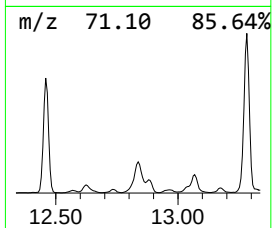
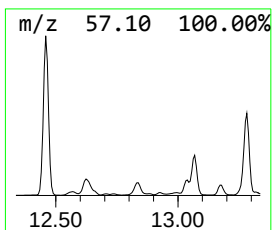
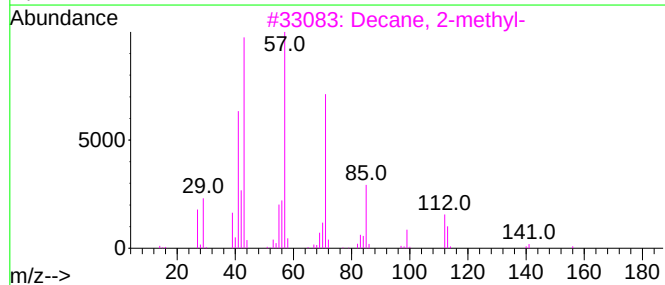
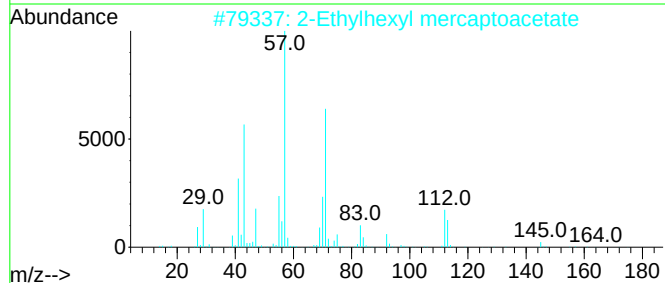
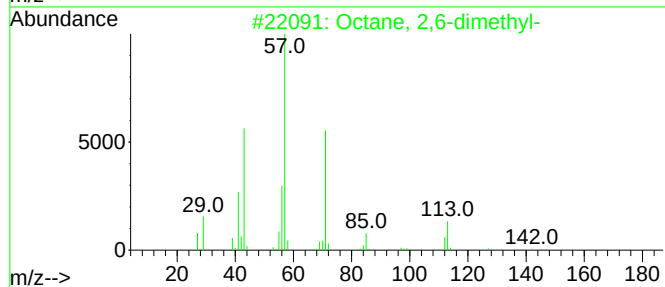
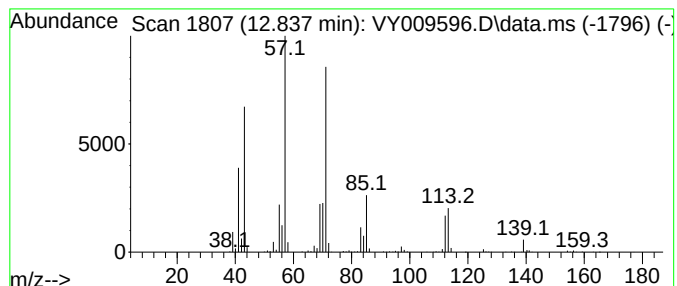
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.837	26.24 ug/l	549003	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	74
2			2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	64
3			Decane, 2-methyl-	156	C11H24	006975-98-0	64
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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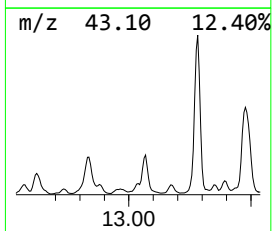
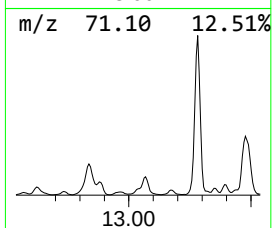
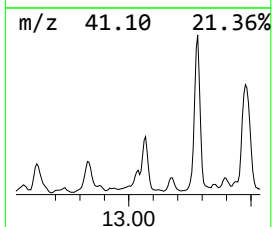
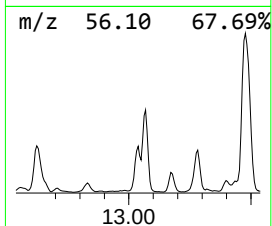
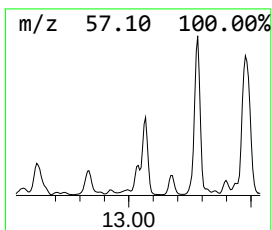
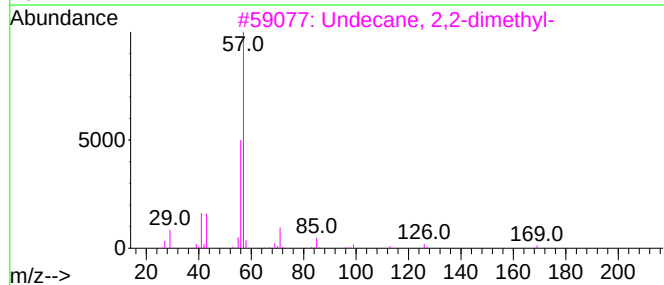
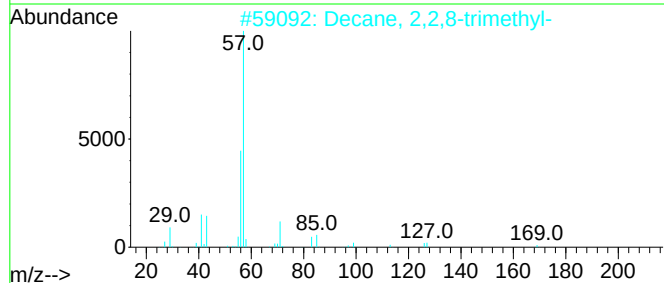
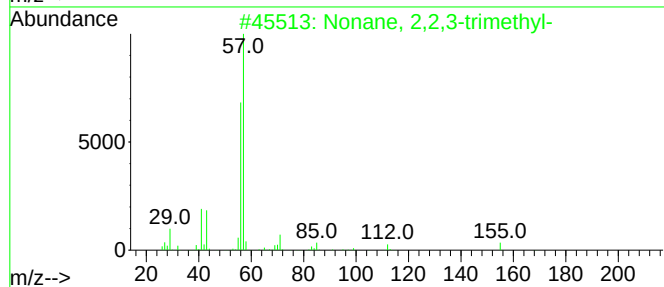
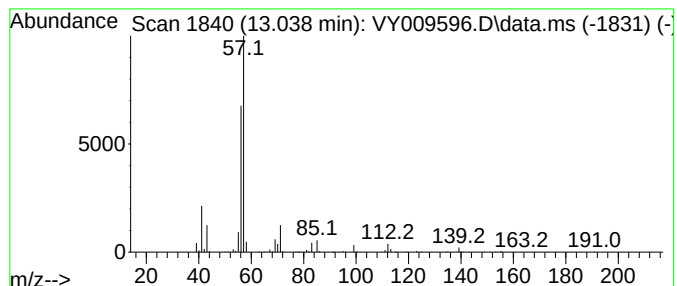
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 3 Nonane, 2,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	12.73 ug/l	266304	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,2,3-trimethyl-	170	C12H26	055499-04-2	78
2			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	78
3			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	72
4			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
5			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	72



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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(12-18)

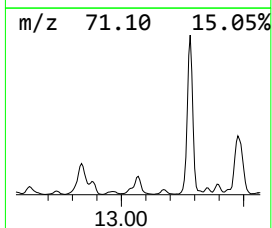
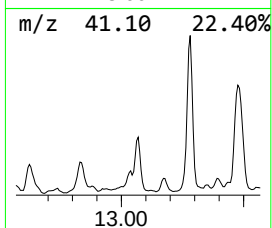
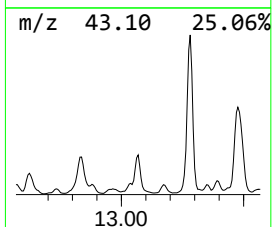
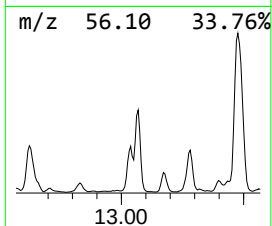
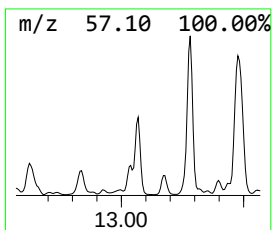
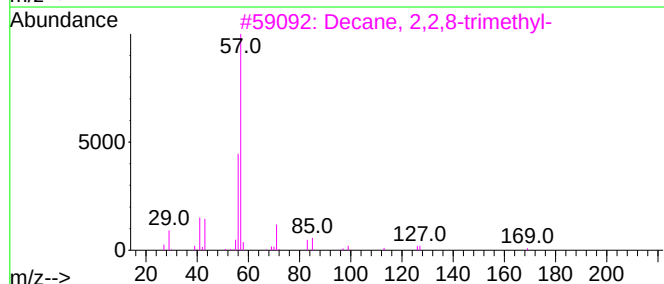
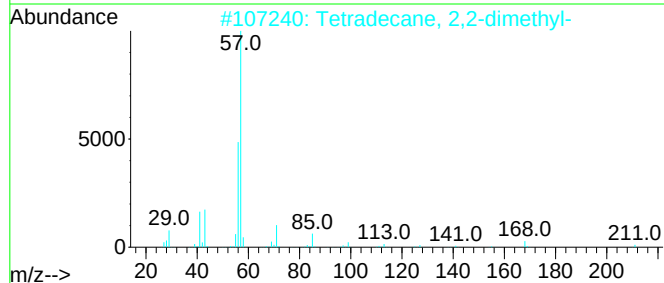
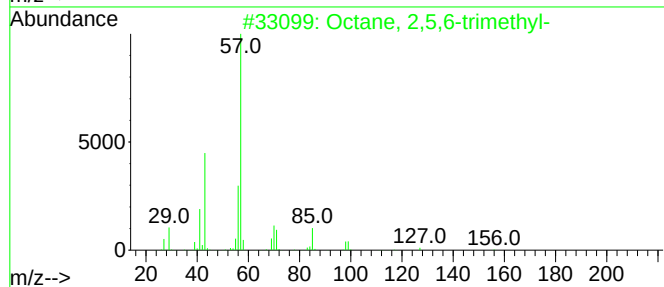
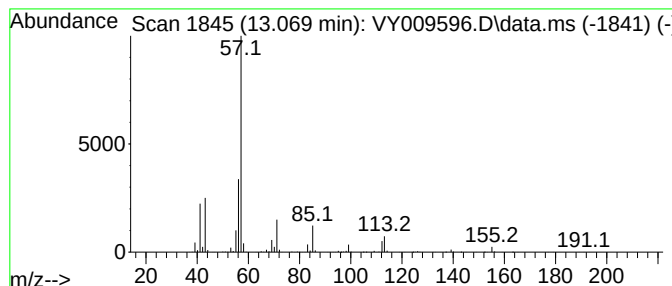
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 4 Octane, 2,5,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	29.72 ug/l	621934	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	72
2			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
3			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
4			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	64
5			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	53



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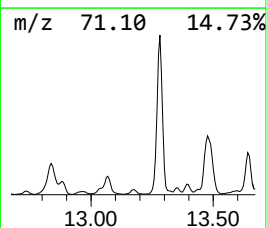
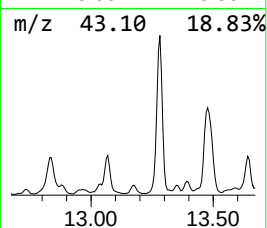
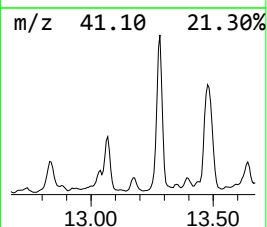
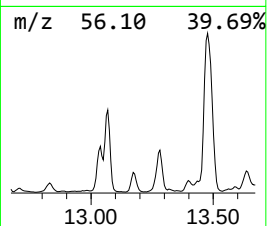
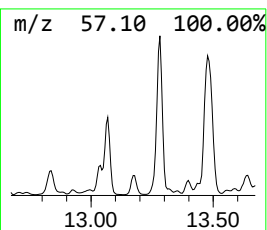
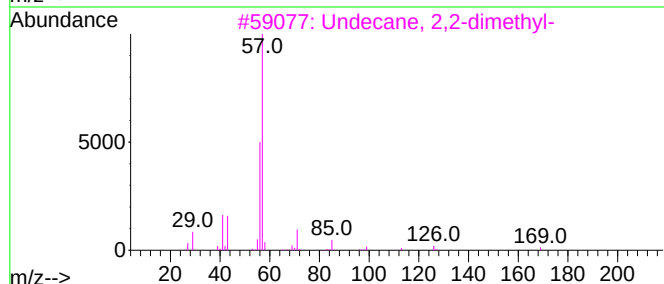
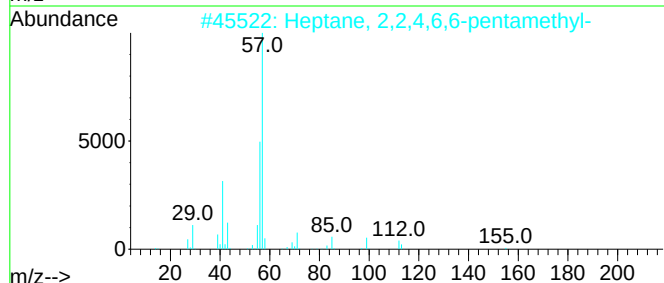
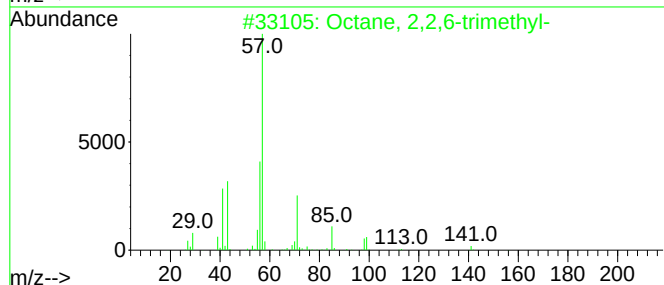
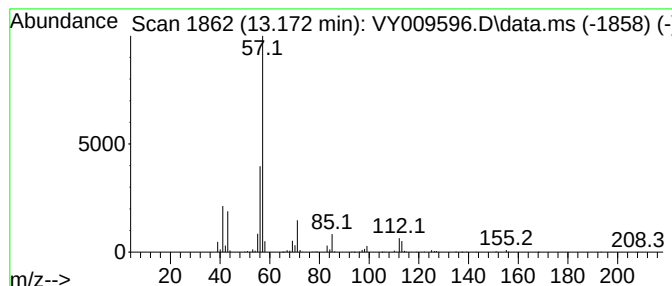
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Quant Title : SW846 8260

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

Peak Number 5 Octane, 2,2,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.172	7.75 ug/l	162217	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
3			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	64
4			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	64
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009596.D
Acq On : 19 Jul 2022 17:49
Operator : KP/MD
Sample : N3651-07
Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(12-18)

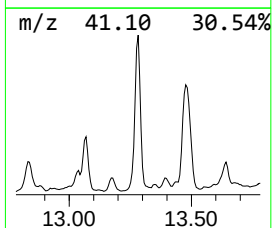
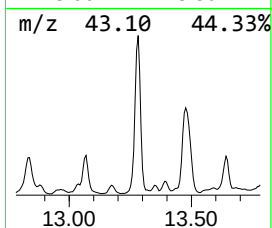
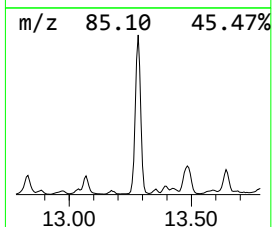
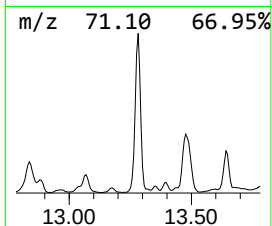
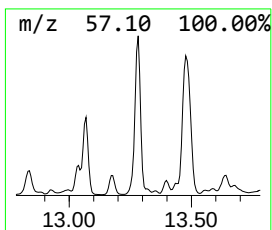
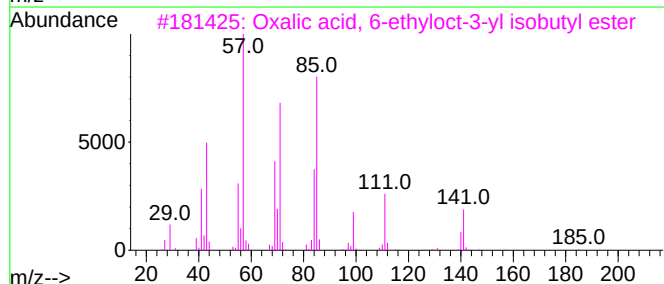
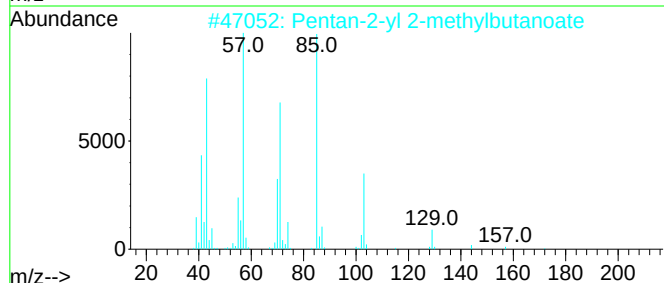
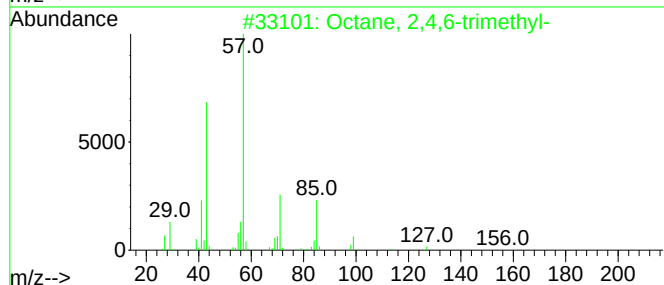
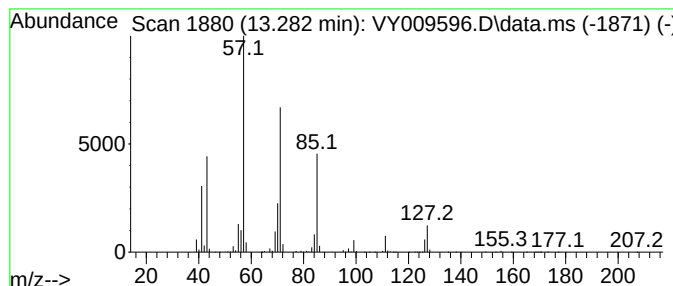
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Quant Title : SW846 8260

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

Peak Number 6 Octane, 2,4,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.282	101.43 ug/l	2122350	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2			Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	64
3			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	64
4			1-Iodoundecane	282	C11H23I	004282-44-4	53
5			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009596.D
Acq On : 19 Jul 2022 17:49
Operator : KP/MD
Sample : N3651-07
Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(12-18)

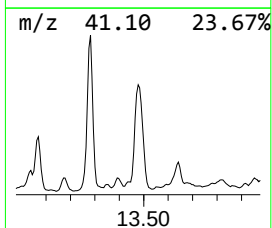
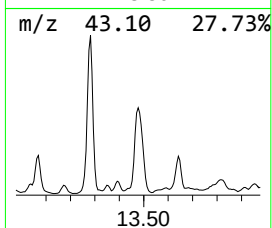
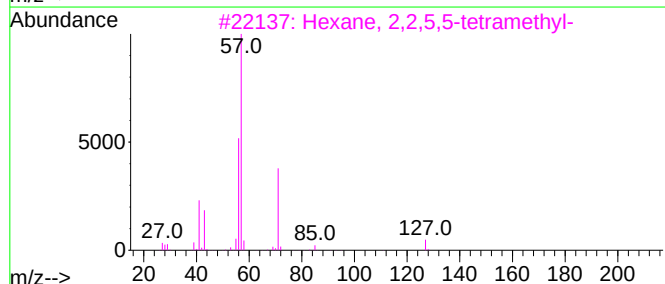
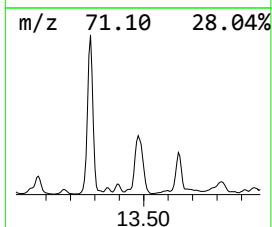
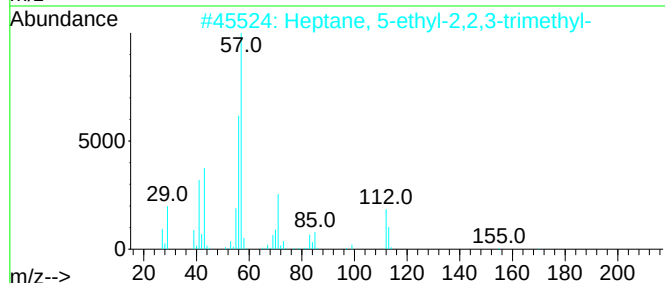
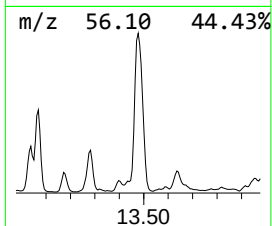
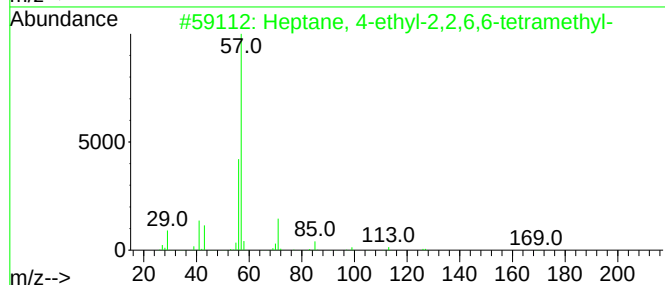
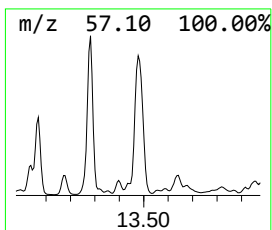
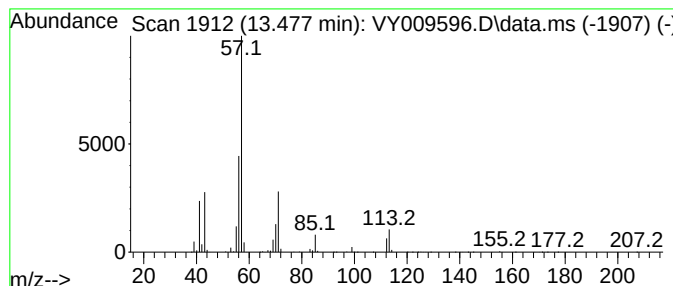
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Quant Title : SW846 8260

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

Peak Number 7 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	88.48 ug/l	1851400	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
2			Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	64
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009596.D
Acq On : 19 Jul 2022 17:49
Operator : KP/MD
Sample : N3651-07
Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(12-18)

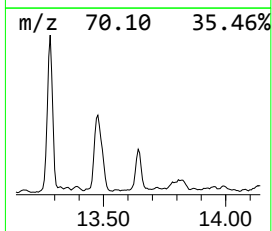
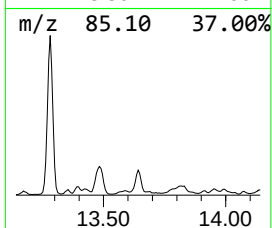
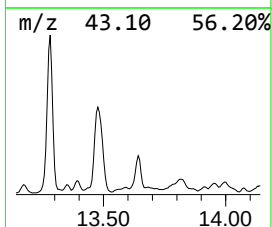
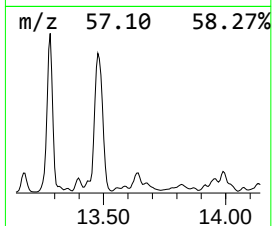
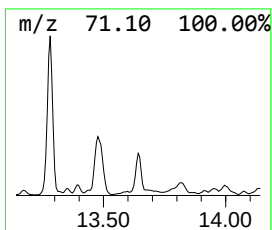
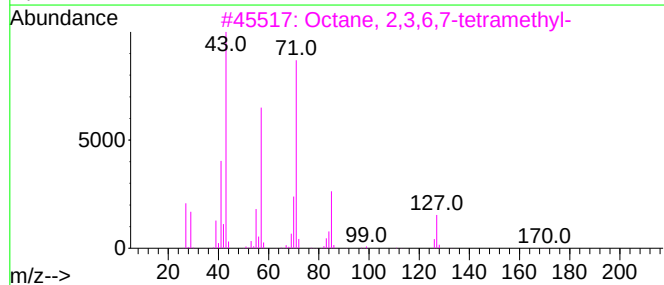
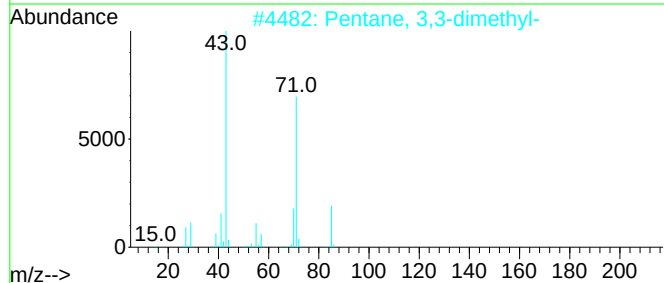
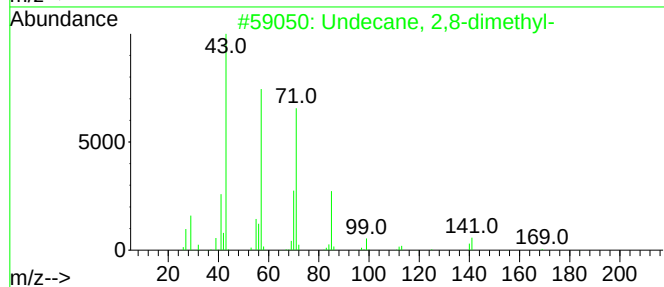
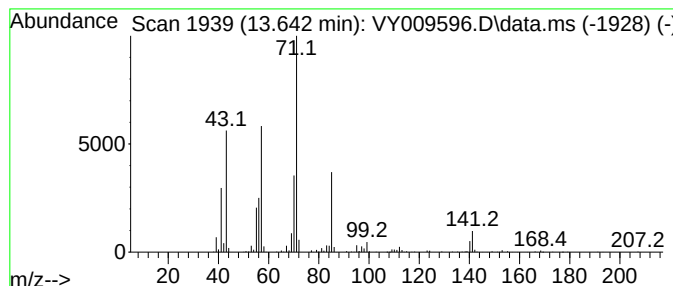
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.642	23.14 ug/l	484205	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	72
2			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
3			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
4			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
5			Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009596.D
Acq On : 19 Jul 2022 17:49
Operator : KP/MD
Sample : N3651-07
Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(12-18)

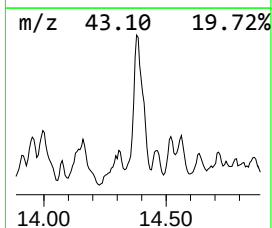
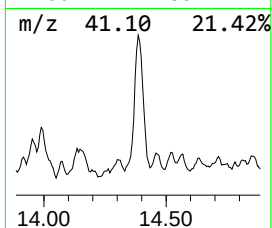
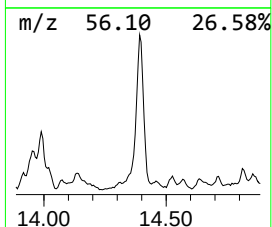
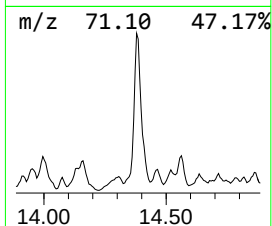
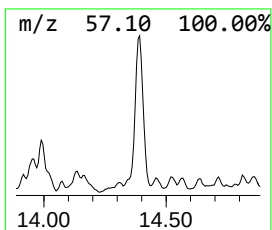
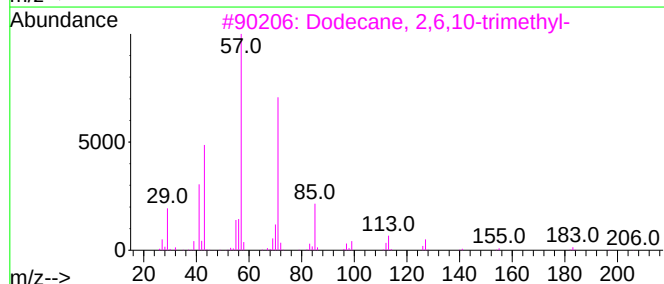
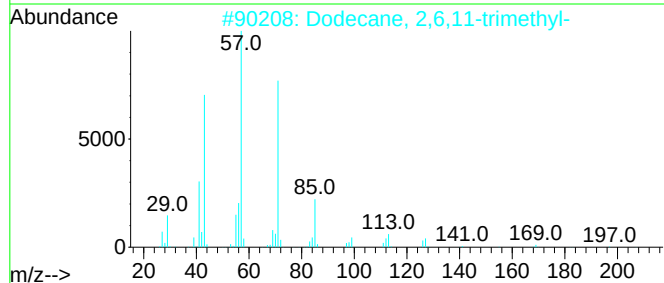
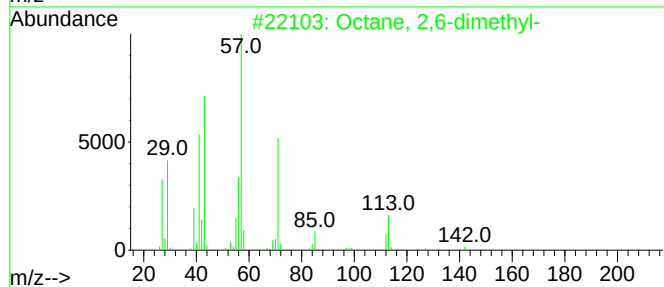
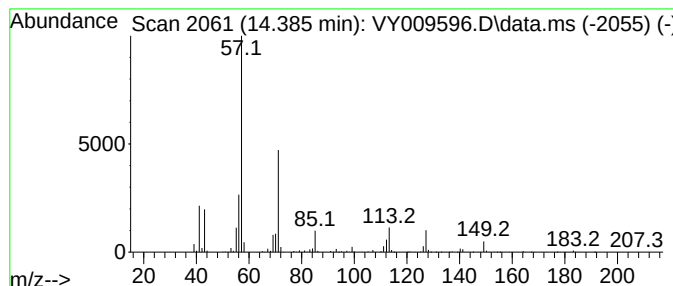
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Quant Title : SW846 8260

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

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	38.60 ug/l	807755	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
4			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009596.D
Acq On : 19 Jul 2022 17:49
Operator : KP/MD
Sample : N3651-07
Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-5-(12-18)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.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
Tetradecane, 2,...	12.624	21.4	ug/l	447900	4	13.422	1046260	50.0
Octane, 2,6-dim...	12.837	26.2	ug/l	549003	4	13.422	1046260	50.0
Nonane, 2,2,3-t...	13.038	12.7	ug/l	266304	4	13.422	1046260	50.0
Octane, 2,5,6-t...	13.069	29.7	ug/l	621934	4	13.422	1046260	50.0
Octane, 2,2,6-t...	13.172	7.8	ug/l	162217	4	13.422	1046260	50.0
Octane, 2,4,6-t...	13.282	101.4	ug/l	2122350	4	13.422	1046260	50.0
Heptane, 4-ethy...	13.477	88.5	ug/l	1851400	4	13.422	1046260	50.0
Undecane, 2,8-d...	13.642	23.1	ug/l	484205	4	13.422	1046260	50.0
Dodecane, 2,6,1...	14.385	38.6	ug/l	807755	4	13.422	1046260	50.0