LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

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_X\Method\82X040225W.M
Title : SW846 8260

Signal : TIC: VX045980.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.447	54	59	68	rBV	26239	35398	3.65%	0.676%
2	1.593	72	83	84	rBV5	4982	12875	1.33%	0.246%
3	2.068	155	161	167	rVB	14598	22941	2.37%	0.438%
4	2.288	191	197	207	rBV	281449	484245	49.95%	9.248%
5	2.379	207	212	227	rVB	116927	192577	19.86%	3.678%
6	2.544	233	239	248	rVB	23210	42031	4.34%	0.803%
7	3.855	446	454	470	rBV2	38780	106247	10.96%	2.029%
8	4.568	565	571	584	rBV	9014	27668	2.85%	0.528%
9	4.708	584	594	613	rBV	345912	969532	100.00%	18.516%
10	5.379	694	704	722	rBV	51690	157269	16.22%	3.004%
11	5.543	722	731	751	rVB	72469	208006	21.45%	3.973%
12	5.952	788	798	806	rBV	61639	162787	16.79%	3.109%
13	6.031	806	811	826	rVB	20362	57276	5.91%	1.094%
14	6.757	921	930	944	rBV	125869	307130	31.68%	5.866%
15	7.214	997	1005	1014	rBV2	21853	53615	5.53%	1.024%
16	8.573	1223	1228	1234	rBV	17445	29832	3.08%	0.570%
17	8.646	1234	1240	1248	rVV	273034	426511	43.99%	8.146%
18	8.720	1248	1252	1259	rVB	22394	38331	3.95%	0.732%
19	9.579	1388	1393	1416	rVB	183862	259582	26.77%	4.958%
20	10.049	1465	1470	1488	rBV	271375	381789	39.38%	7.291%
21	10.299	1504	1511	1519	rBV	17459	25791	2.66%	0.493%
22	10.402	1522	1528	1542	rBV	179274	277388	28.61%	5.298%
23	10.640	1562	1567	1573	rBV	11161	15126	1.56%	0.289%
24	10.774	1583	1589	1597	rBV	10012	15825	1.63%	0.302%
25	11.079	1634	1639	1652	rBV	218937	277117	28.58%	5.292%
26	11.756	1745	1750	1757	rBV3	8373	14001	1.44%	0.267%
27	12.018	1788	1793	1800	rBV	249748	307374	31.70%	5.870%
28	12.085	1800	1804	1811	rVB2	6446	10025	1.03%	0.191%
29	12.237	1821	1829	1839	rBV2	108610	176282	18.18%	3.367%
30	12.768	1912	1916	1925	rVB2	7470	10269	1.06%	0.196%
31	13.286	1996	2001	2007	rBV2	20151	28987	2.99%	0.554%
32	13.774	2076	2081	2089	rVB	20179	26461	2.73%	0.505%
33	14.633	2219	2222	2231	rVB	12327	17862	1.84%	0.341%
34	14.779	2241	2246	2251	rBV	27536	36350	3.75%	0.694%
35	16.322	2493	2499	2510	rBV2	11336	21622	2.23%	0.413%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

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_X\Method\82X040225W.M
Title : SW846 8260

Sum of corrected areas: 5236122

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
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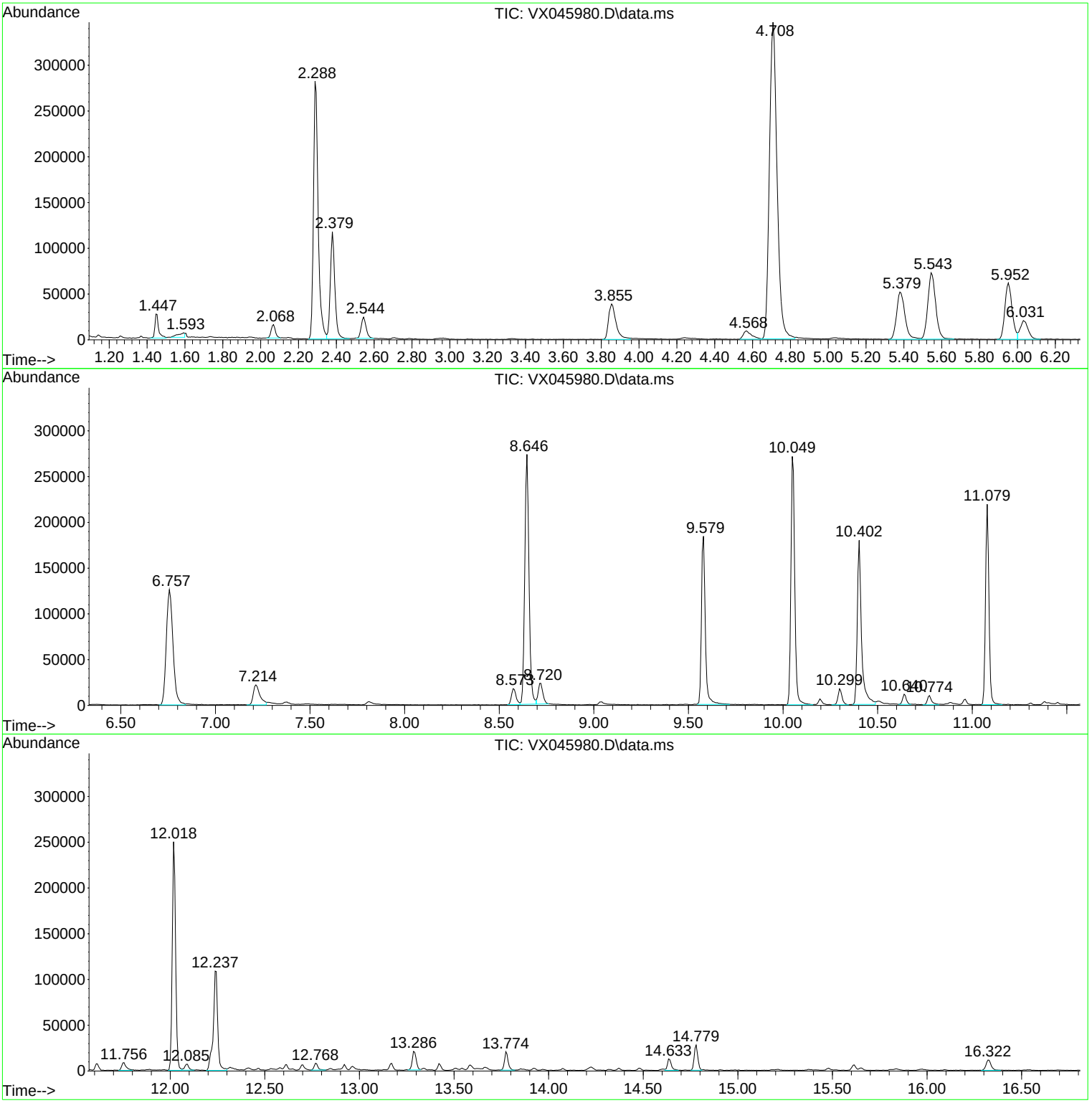
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

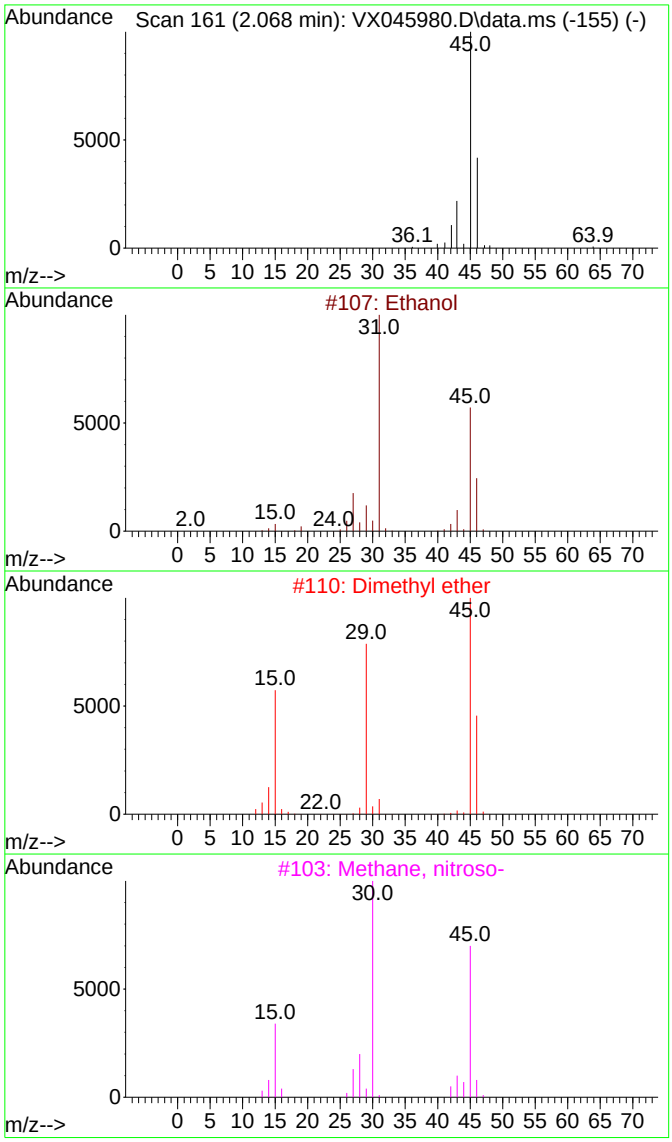
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

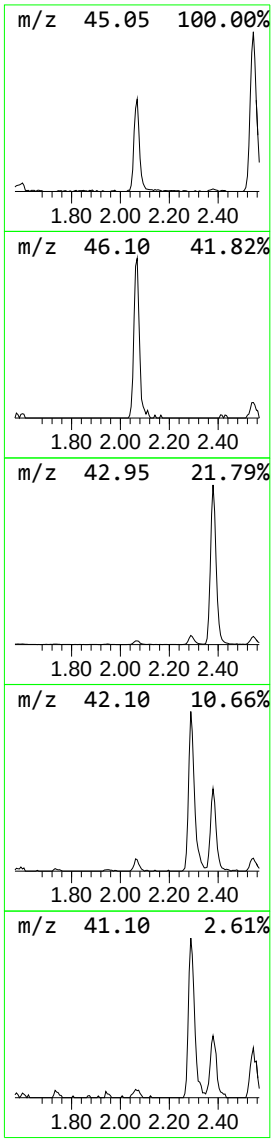
****

Peak Number 2 Ethanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.068	5.51 ug/l	22941	Pentafluorobenzene	5.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	83
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	2,2-Dichloroethyl methyl ether	128	C3H6Cl2O	034862-07-2	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

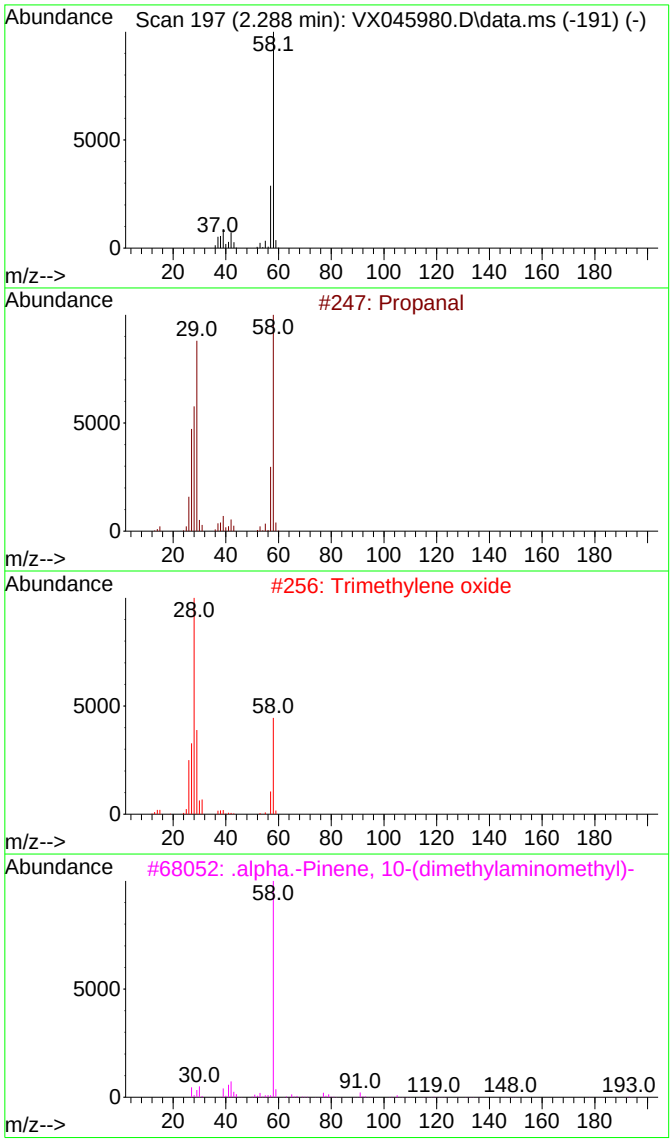
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

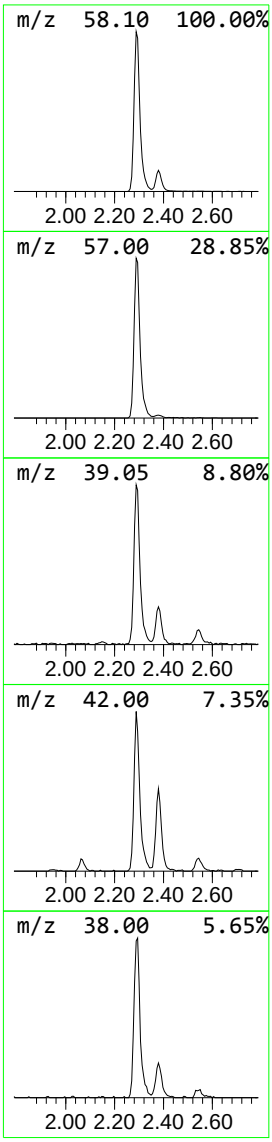
****

Peak Number 3 Propanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.288	116.40 ug/l	484245	Pentafluorobenzene	5.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal	58	C3H6O	000123-38-6	78
2	Trimethylene oxide	58	C3H6O	000503-30-0	9
3	.alpha.-Pinene, 10-(dimethylamin...	193	C13H23N	015063-97-5	9
4	Quinolin-2(1H)-one, 3,4,5,6,7,8-...	208	C12H20N2O	1000259-95-6	9
5	2-(Aminomethyl)-4-methylpentanoi...	187	C10H21NO2	1891211-54-3	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

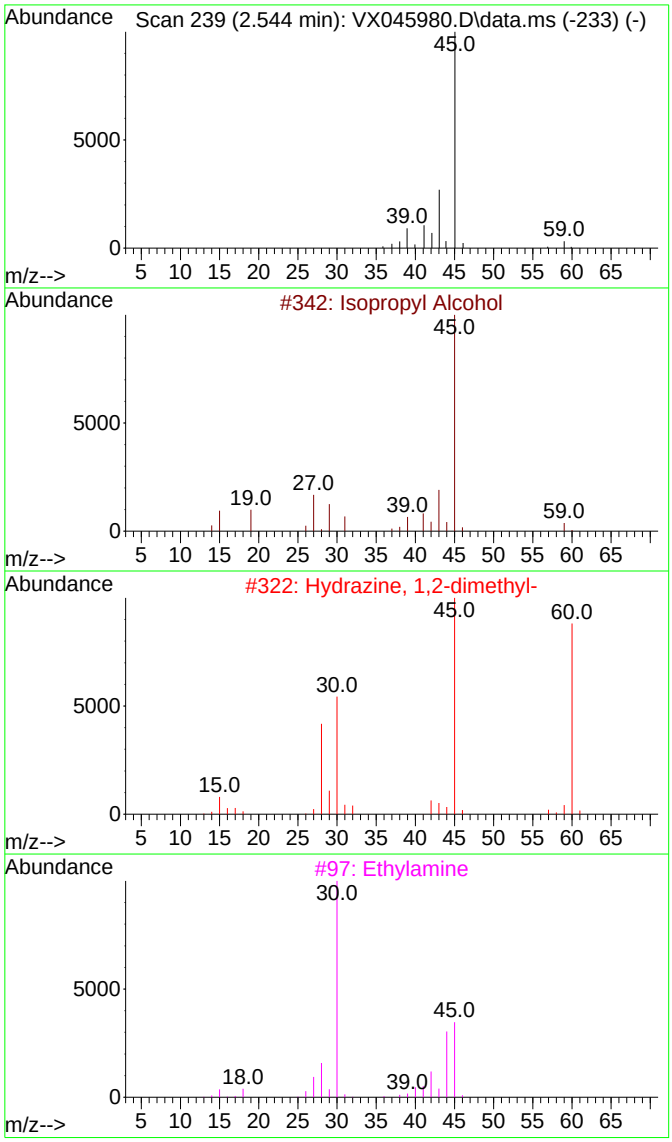
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

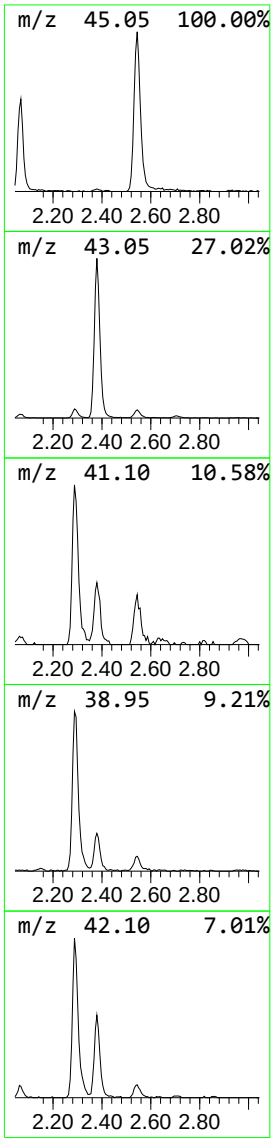
****

Peak Number 4 Isopropyl Alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.544	10.10 ug/l	42031	Pentafluorobenzene	5.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
3	Ethylamine	45	C2H7N	000075-04-7	5
4	Formamide	45	CH3NO	000075-12-7	4
5	4-Penten-2-ol	86	C5H10O	000625-31-0	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

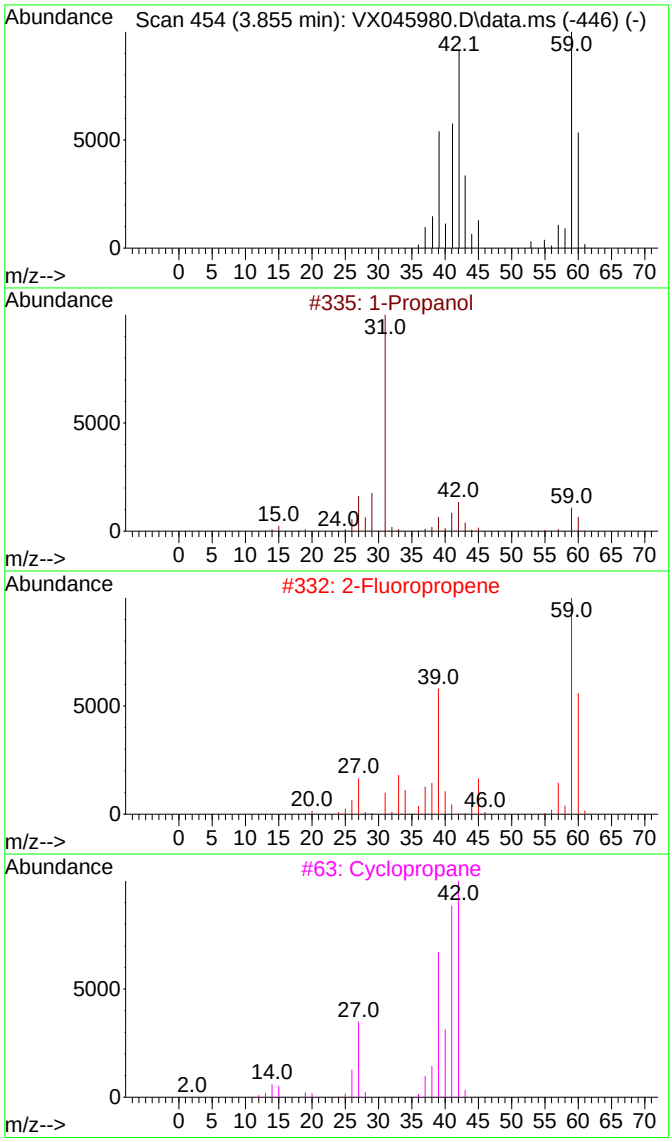
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

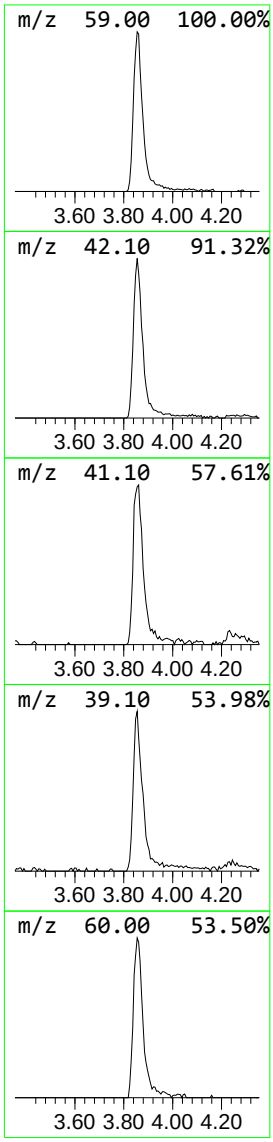
****

Peak Number 5 1-Propanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.855	25.54 ug/l	106247	Pentafluorobenzene	5.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol	60	C3H8O	000071-23-8	52
2	2-Fluoropropene	60	C3H5F	001184-60-7	49
3	Cyclopropane	42	C3H6	000075-19-4	38
4	Allyl fluoride	60	C3H5F	000818-92-8	35
5	Methylenecyclopropane	54	C4H6	006142-73-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

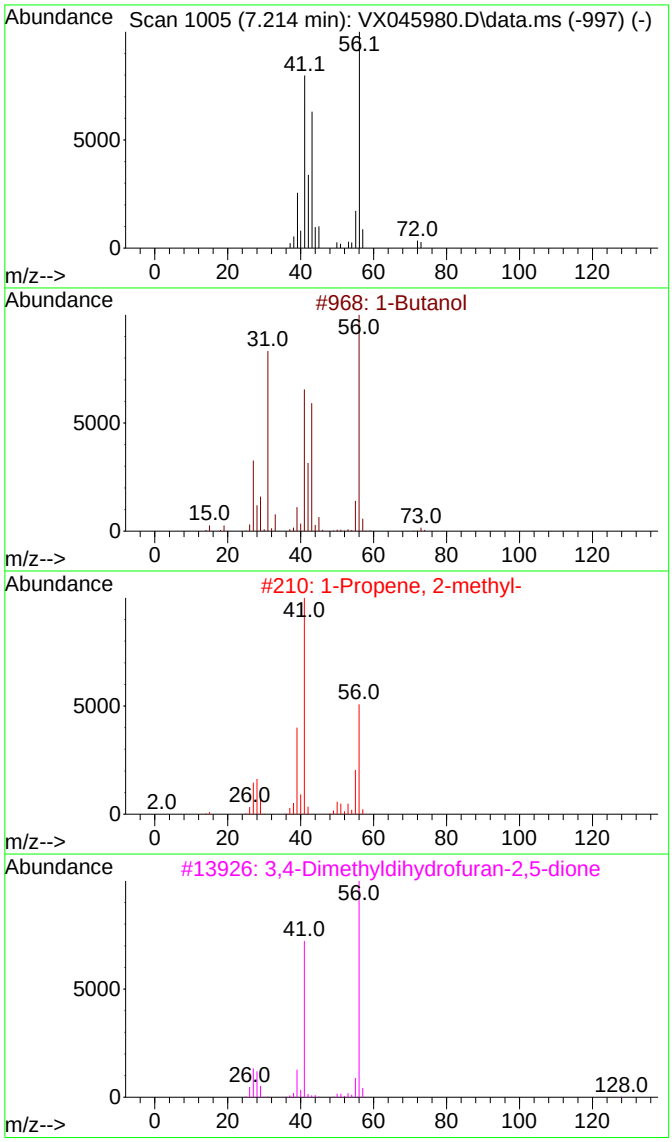
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

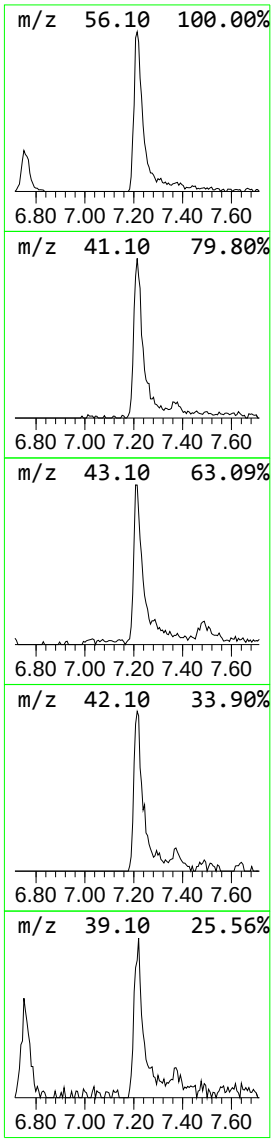
****

Peak Number 6 1-Butanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.214	8.73 ug/l	53615	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	78
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	50
3	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	40
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	40
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	36





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

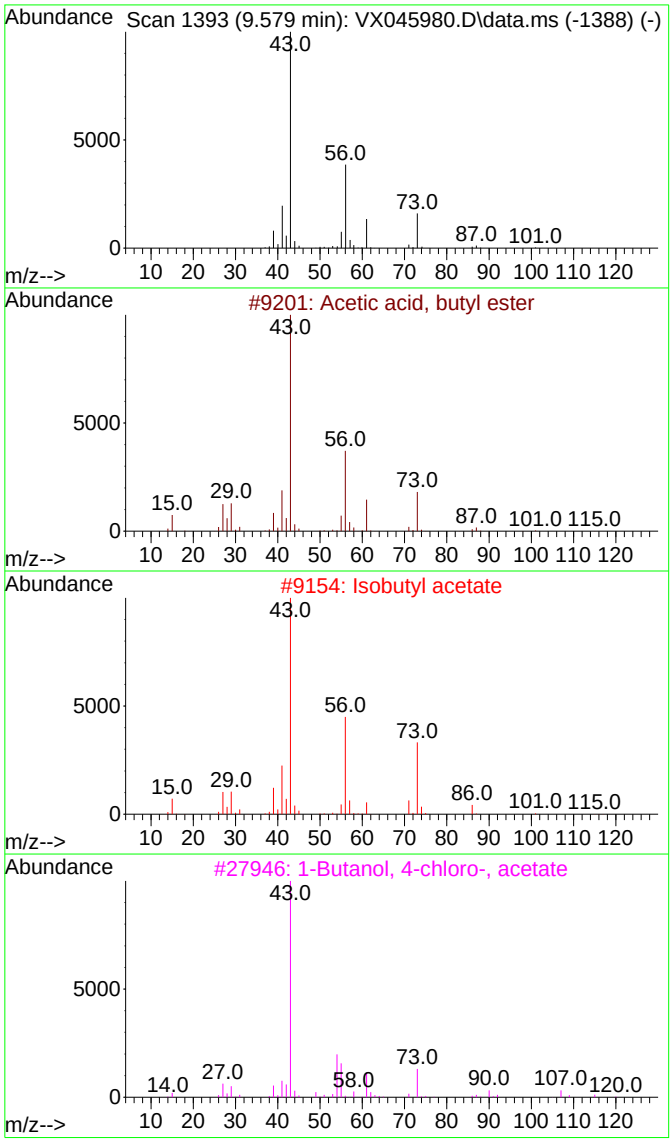
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

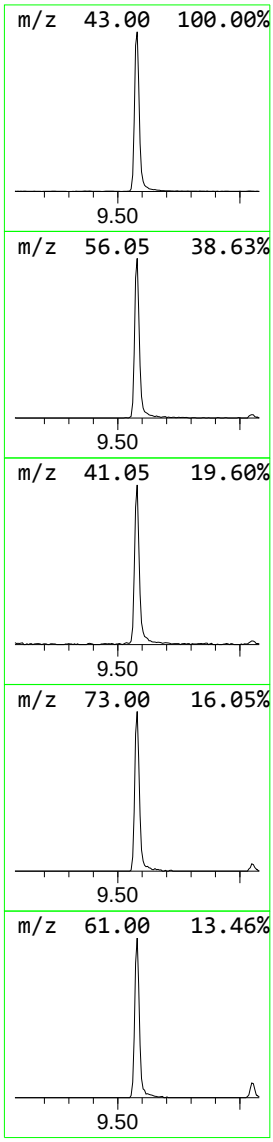
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Acetic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.579	34.00 ug/l	259582	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	83
2	Isobutyl acetate	116	C6H12O2	000110-19-0	39
3	1-Butanol, 4-chloro-, acetate	150	C6H11ClO2	006962-92-1	17
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	10
5	Isobutylamine	73	C4H11N	000078-81-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

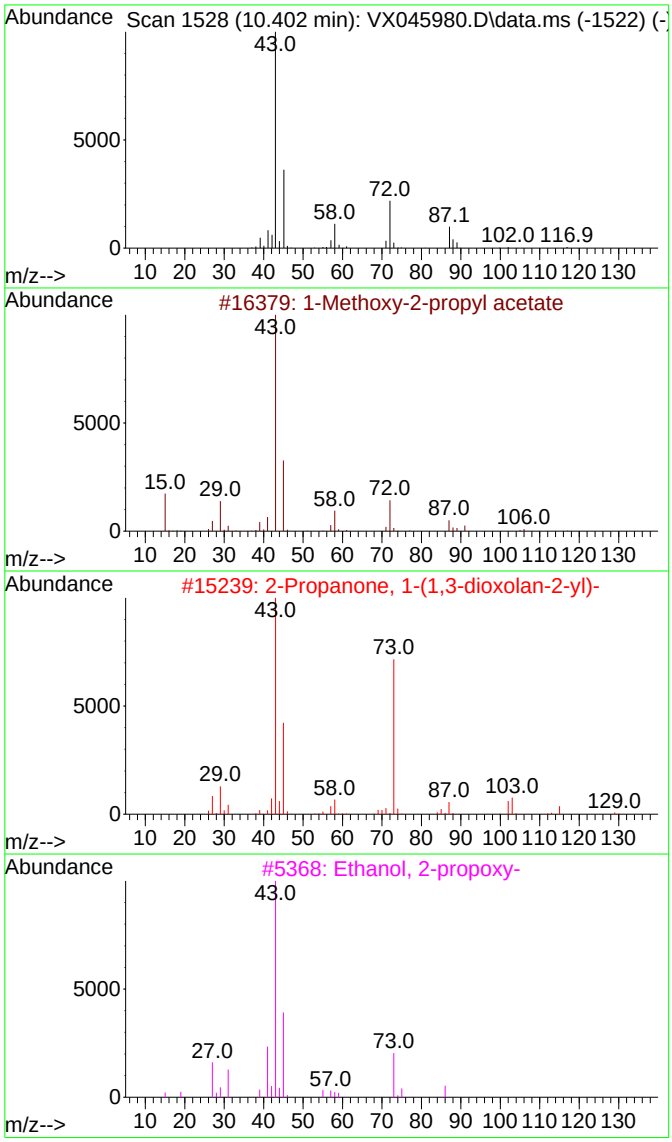
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

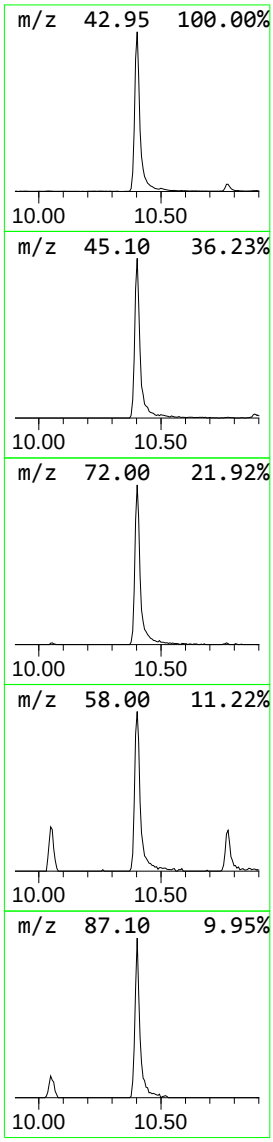
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1-Methoxy-2-propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.402	36.33 ug/l	277388	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	74
2	2-Propanone, 1-(1,3-dioxolan-2-yl)-	130	C6H10O3	000767-04-4	25
3	Ethanol, 2-propoxy-	104	C5H12O2	002807-30-9	17
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	16
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	9





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

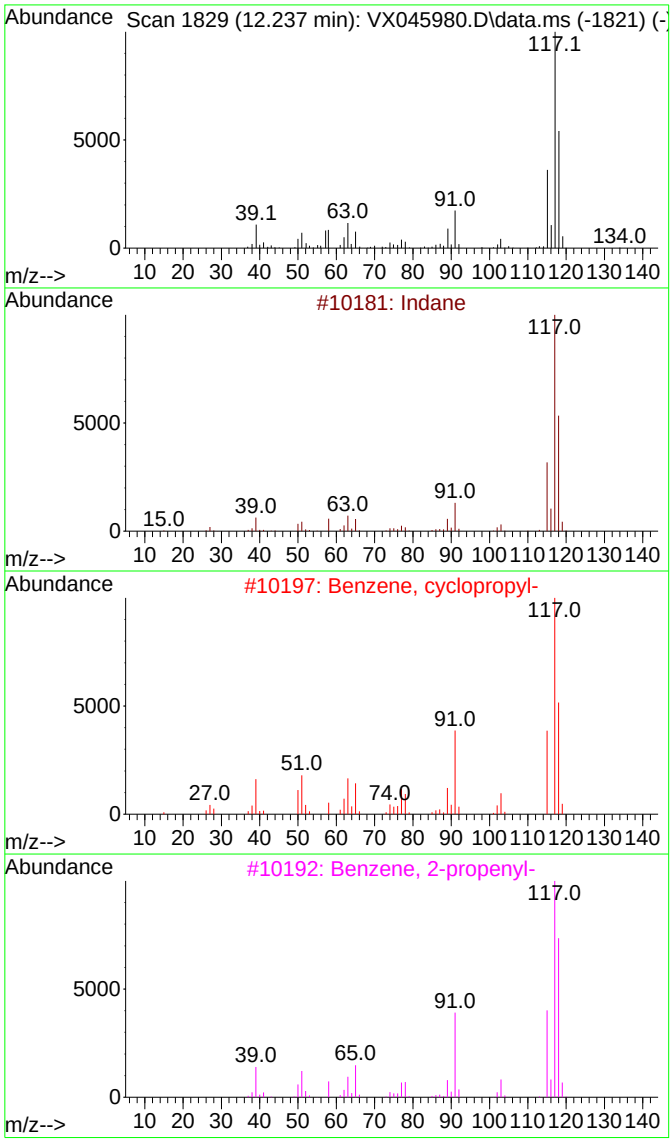
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

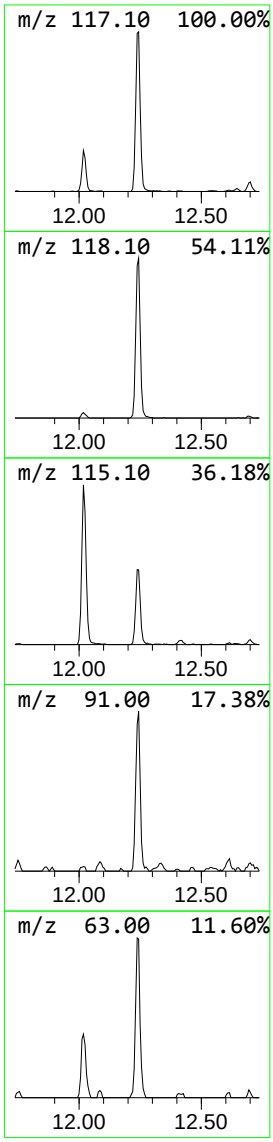
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.237	28.68 ug/l	176282	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
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Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

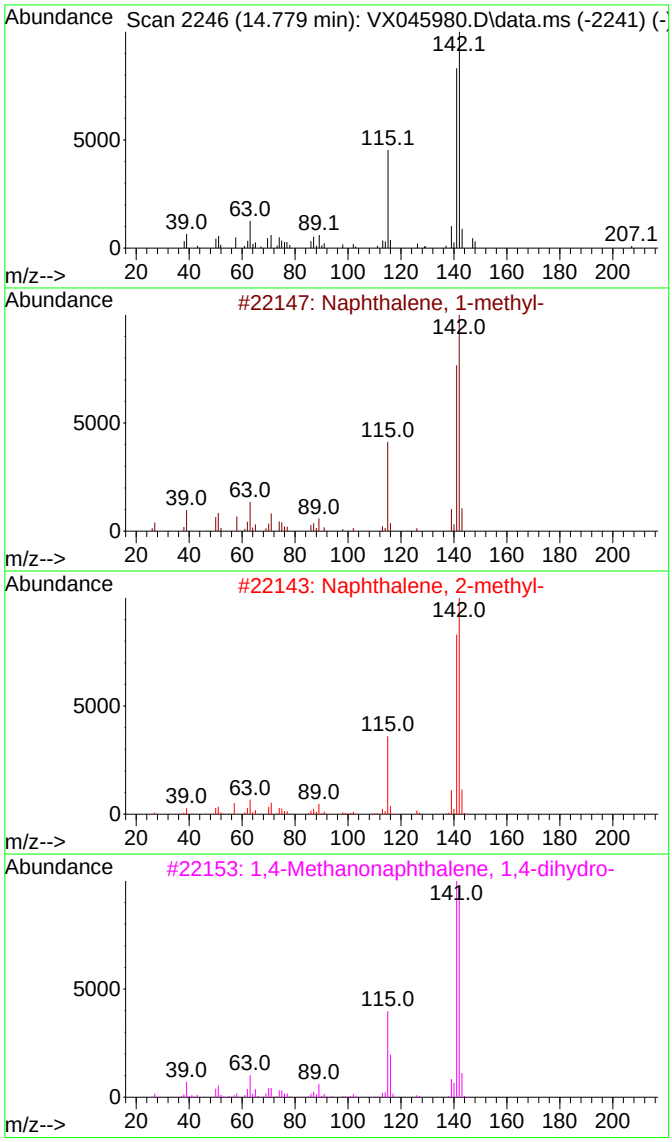
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

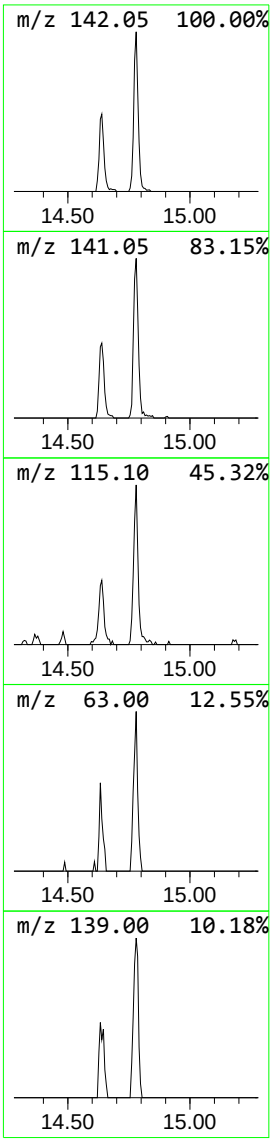
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	5.91 ug/l	36350	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042925\
Data File : VX045980.D
Acq On : 29 Apr 2025 14:21
Operator : JC/MD
Sample : Q1896-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
295-BERGEN-FRAC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol	2.068	5.5	ug/l	22941	1	5.543	208006	50.0
Propanal	2.288	116.4	ug/l	484245	1	5.543	208006	50.0
Isopropyl Alcohol	2.544	10.1	ug/l	42031	1	5.543	208006	50.0
1-Propanol	3.855	25.5	ug/l	106247	1	5.543	208006	50.0
1-Butanol	7.214	8.7	ug/l	53615	2	6.757	307130	50.0
Acetic acid, bu...	9.579	34.0	ug/l	259582	3	10.055	381789	50.0
1-Methoxy-2-pro...	10.402	36.3	ug/l	277388	3	10.055	381789	50.0
Indane	12.237	28.7	ug/l	176282	4	12.018	307374	50.0
Naphthalene, 1-...	14.780	5.9	ug/l	36350	4	12.018	307374	50.0